010c017v/voa

## ER DEPARTMENT DATA ASSESSMENT SUMMARY REPORT FORM

| Batc  | th No. <u>9010C017</u>  |                      | Site Surface Water   |
|-------|---|----------------------|--|
| Lab   | oratory <u>IT - Cerritos</u>  |                      | No. of Samples/Matrix 6/Water  |
| SOV   | V # 10/86 (Rev. 2/88)   |                      | Reviewer Org. <u>TechLaw. Inc.</u>                                       |
| Sam   | ple Numbers <u>SW00373W</u>   | C. SW00449W0         | C. SW00450WC, SW00453WC, SW80058WC, SW80059WC                            |
|       |   |                      |  |
|       |   | Data A               | ssessment Summary  |
|       |   | VOA                  | Comments   |
| 1.    | Holding Times   | A                    | Action Item 1  |
| 2.    | GC/MS Tune/Instr. Perf.   | V                    |  |
| 3.    | Calibrations  | X                    | Comment 1  |
| 4.    | Blanks  | X                    | Comment 2  |
| 5.    | Surrogates  | V                    |  |
| 6.    | Matrix Spike/Dup.   | V                    |  |
| 7.    | Other QC  | X                    | Comment 3  |
| 8.    | Internal Standards  | V                    |  |
| 9.    | Compound Identification   | V                    |  |
| 10.   | System Performance  | V                    |  |
| 11.   | Overall Assessment  | A                    | Data acceptable with qualifications.                                     |
|       | <ul> <li>V = Data had no problems.</li> <li>A = Data acceptable but qualified due to R = Data rejected.</li> <li>X = Problems, but do not affect data.</li> </ul> | problems.            |  |
| Dat   | a Quality: Data contained in th   | is batch were revie  | wed and found to be acceptable with qualifications. Acceptable,          |
| quali | ified data may be used provided that  | at individual values | s impacted by the "Action Items" listed below are appropriately flagged. |
| (Ref  | er to attached Data Summary Table   | es.)                 |  |
|       |   |                      |  |

| Action Items: 1) The results for aromatic compounds in samples SW80058WC, SY           | <u> </u>                              |
|--|---------------------------------------|
| and SW00449WC are estimated (J) because holding times exceeded seven days.             |                                       |
|  |                                       |
|  |                                       |
| Comments: 1) The %Ds for several compounds exceeded 25% in the continuing ca           | alibrations. No action is             |
| taken because there were no positive results for these compounds.                      |                                       |
| 2) Method blank contamination did not lead to qualification because the blank cont     | aminant was not found in              |
| the associated samples.  | · · · · · · · · · · · · · · · · · · · |
| 3) Many samples were listed on the Chain-of-Custody for Volatile analysis. These       | samples were not included             |
| in this batch, and there was no indication as to which batch they were submitted with, |                                       |
| Note: Data Summary Tables are attached.  |                                       |
| Validator Signature  Validator Signature   | 2/5/9/<br>Date                        |
|  |                                       |
| William T. Fear  | 2/5/81                                |
| Reviewer Signature   | Date                                  |

|                      | 441 | <b>9</b> B | 3 3                 | F) 4                | BI ANE | 3 5                     |                 | -         | F 10 0        | ואנו        | Nation    |                            | 1000 |                    | L              | 3 5          | 5  |
|----------------------|-----|------------|---------------------|---------------------|--------|-------------------------|-----------------|-----------|---------------|-------------|-----------|----------------------------|------|--------------------|----------------|--------------|----|
| SAMPLE SAMPLE        |     | 3 2        | TAG STAG            | DATE TIME           | SAMPLE | ,                       | RS CAS NUMBER N | ANALYTI Q | QUA 2.SIG     | OF<br>MEASU |           | PARAMETER NAME             |      | REASONS<br>V 1 2 3 | QLI<br>RESILIT |              | 18 |
|                      |     | 163        | 11/01/90 1921 VBLK2 | 1/90 1921           | VBLK2  | 頁                       |                 |           |               | UGAL        | т         | 1,1-Dichloroethane         | 1    | F                  |                | •            |    |
|                      |     | Ħ          | 118                 | 11/01/90 1921 VBLX2 | VBLX2  | VOCCATIC: TR 75-35-4    | 5-354 5         | D         |               | UGAL        | =         | 1,1-Dichloroethene         |      | >                  |                | -            | L  |
| 1037402A ITCH        |     | L          | 110                 | 1/90 1921           | VBLK2  | VOCCLPTCL TR 71-55-6    | 1-55-6 5        | ū         |               | מפער        | 1,        | 1,1,1-Trichloroethane      |      | >                  |                | _            | L  |
| Water 1037402A ITCS  |     |            | 11/0                | 1,90 1921           | VBLK2  | VOCCLPTC TR 79-00-5     | 9-00-5          |           |               | UG/L        | 1,        | 1,1,2-Trichloroethane      | ^    |                    |                |              | L  |
| 1037402A ITCER       |     |            | 110                 | 11/01/90 1921 VBLK2 | VBLK2  | VOCCLPTCL TR 79-34-5    | 9-34-5 5        |           |               | UGAL        | 1,        | 1,1,2,2-Tetrachloroethane  | ^    |                    |                |              |    |
| 1037402A ITCR        |     |            | 11/0                | 1,90 1921           | VBLX2  | VOCCUPICE TR 107-06-2   |                 | Ω         |               | NOV         | 1.5       | 1,2-Dichloroethane         | ^    |                    |                |              | L  |
| 1037402A ITCE        |     |            | 110                 | 1/90 1921           | VBLK2  | VOCCLPTCL TR 540-59-0   | 40-59-0 5       | Ω         |               | navr        | 1.3       | 1.2-Dichloroethene (total) | ^    |                    |                |              |    |
| Wase 1037402A ITCSE  |     |            | 2,1                 | 1/90 1921           | VBLK2  | VOCCLPTCL TR 78-87-5    |                 |           |               | UOVE        | 1         | 1,2-Dichloropropane        | >    |                    |                | _            | L  |
| 1037402A TFCBR       |     |            | 11/0                | 1/90 1921           | VBLIK2 | VOCCLPTCL TR 78-93-3    |                 | 10 U      |               | משר         | [-7]      | 2-Butanone                 | ^    |                    |                | L            | L  |
| Was 1037402A ITCER   |     |            | 11/0                | 11/01/90 1921 VBLK2 | VBLJK2 | VOCCLPTCL TR 591-78-6   |                 | 10 U      |               | UGAL        | 2-1       | 2-Hexanone                 | ^    |                    |                |              |    |
| Water 1037402A ITCBR |     |            | 3                   | 1/90 1921           | VBLK2  | VOCCULTIC, TR 108-10-1  |                 | 10 U      |               | NOV         | 4-        | 4-Methyl-2-pentanone       | ^    |                    | L              |              |    |
| 1037402A ITCBI       |     |            | 11/0                | 1/90 1921           | VBLJC2 | 1-19-19 IK 01-64-1      |                 | Ω 01      |               | UGAL        | ¥         | Acetone                    | ^    |                    | _              | _            | L  |
| West 1037402A ITCBR  |     |            | 11/0                | 1/90 1921           | VBLX2  | VOCCLFTC TR 71-43-2     |                 | Ω         |               | NOV         | Be        | Benzene                    | 4    | 1 3                |                |              | L  |
| 1037402A ITC94       |     |            | 81                  | 1/90 1921           | VBLX2  | VOCCLFTCL TR 75-27-4    | 5-27-4 5        | Ω         |               | 7/Dn        | Br        | Bromodichloromethane       | >    |                    | _              |              |    |
| 1037402A TTCBE       |     | l          | 170                 | 1760 1971           | VBLJC2 | 15-25-2                 |                 | 5 U       |               | UG/L        | Br        | Вготобот                   | >    |                    | _              |              | L  |
| 1037402A TTCBL       |     |            | S                   | 11/01/90 1921 VBLK2 | VBLK2  | VOCCLPTCL TR 74-83-9    |                 |           |               | DOAL        | Br        | Bromomethane               | >    |                    | L              | _            |    |
|                      |     |            | 11/0                | 1/90 1921           | VBLK2  | VOCCLPTCL TR 75-15-0    |                 |           |               | DQ/L        | J         | Carbon Disulfide           | >    |                    | _              | L            |    |
| 1037402A rrC81       |     |            | 170                 | 1780 1921           | VBLK2  | VOCCLITICA TIR 56-23-5  | 6-23-5          |           |               | UGAL        | <u>.</u>  | Carbon Tetrachloride       | >    |                    | _              | _            |    |
| 1037402A             |     |            | 3.5                 | 11/01/90 1921 VBLK2 | VBLK2  | 106-801 RT DIAZOOV      |                 |           |               | DQ/L        | đ         | Chlorobenzene              | -    |                    |                |              | L  |
| Water 1037402A ITCRI |     |            | 3                   | 11/01/90 1921 VBLK2 | VBLK2  | VOCCLPTCL TR 75-00-3    |                 | 10 U      |               | UGAL        | Ö         | Chloroethane               | >    |                    |                |              | L  |
| 1037402A ITCER       |     |            | 11/0                | 1/90 1921           | VBLK2  | VOCCLPTC TR 67-66-3     |                 |           |               | UG/L        | đ         | Chloroform                 | >    |                    | L              | _            | L  |
| 1037402A             |     | . :        | 11/0                | 11/01/90 1921 VBLK2 | VBLK2  | VOCCLPTC TR 74-87-3     |                 |           |               | חפער        | đ         | Chloromethane              | >    |                    |                |              |    |
| Water 1037402A ITCBR |     |            | 11,0                | 1,90 1921           | VBLJC2 | VOCCLPTCL TR 10061-01-5 |                 |           |               | מפער        | cis       | cis-1,3-Dichloropropene    | >    |                    |                |              | L  |
| 1037402A             |     |            | 11/0                | 11/01/90 1921 VBLK2 | VBLK2  | VOCCLFTCL TTR 124-48-1  | 34-48-1 5       | n         |               | DOVE        | Di        | Dibromochloromethane       | >    |                    |                | _            |    |
| 1037402A ITCER       |     |            | 11/0                | 11/01/90 1921 VBLK2 | VBLK2  | VOCEPTE TR 100-41-4     | 00414 5         | Ω         |               | DQ/C        | 田         | Ethyl Benzene              | Y    | -                  |                | L            |    |
|                      |     |            | 11/0                | 11/01/90 1921 VBLX2 | VBLK2  | VOCCLPTC TR 75-09-2     | 5-09-2 5        |           |               | UQ/L        | We        | Methylene Chloride         | ^    |                    |                | L            | L  |
| 1037402A TCBE        |     |            | 11/0                | 1,900 1921          | VBLX2  | VOCCUPICE TR 100-42-5   | 00-42-5 5       | Ω         |               | UG/L        | Sr        | Styrene                    | 3    | 1                  |                |              |    |
| 1037402A ITCBE       |     | - 1        | \$1                 | 11/01/90 1921 VBLK2 | VBLK2  | VOCCUPICE, TR 127-18-4  | 27-18-4 5       | ב         |               | UG/L        | ř.        | Tetrachloroethene          | ^    |                    |                |              |    |
|                      |     | '          | 11/0                | 11/01/90 1921 VBLK2 | VBLK2  | VOCCLPTCL TR 108-88-3   | 08-88-3 5       | Ω         |               | UGAL        | ក្ន       | Toluene                    | 4    | 1                  |                |              |    |
|                      |     |            | 11/0                | 11/01/90 1921 VBLK2 | VBLK2  | VOCCIPIC TR 10061-02-6  | 0061-02-6 5     | Ω         |               | UGAL        | Ē         | trans-1,3-Dichloropropene  | ^    |                    |                |              |    |
| 1037402A ITCHE       |     |            | 11/0                | 11/01/90 1921 VBLK2 | VBLK2  | VOCCLPTC TR 79-01-6     |                 | *         |               | UGAL        | 1         | Trichloroethene            | ٧    |                    |                |              |    |
|                      |     |            | 11/01               | 1/90 1921 VBLX2     | VBLK2  | VOCCUPICE TR 108-05-4   |                 | n o       |               | UGAL        | Vi        | Vinyl Acetate              | ^    |                    |                |              |    |
| 1037402A ITCER       |     |            | 10/11               | 1/90 1921 VBLX2     | VBLX2  | VOCCLPTCL TR 75-01→     |                 | 10<br>U   |               | UGAL        | <u>`</u>  | Vinyl Chloride             | >    |                    | _              |              |    |
| 1037402A ITCER       |     | l          | 17/01               | 790 1921            | VBLX2  | VOCCLITIC, TR 1330-02-7 |                 | 2         | L             | UQ4L        | ×         | Xylenes (total)            | 3    | E                  |                |              |    |
|                      |     | l          | H                   |                     |        |                         |                 | $\vdash$  | L             | -           | $\vdash$  |                            |      |                    | -              | -            |    |
|                      | -   |            | +                   | T                   |        |                         | $\dagger$       | $\dagger$ | -             | +           | +         |                            |      |                    | -              | -            |    |
|                      |     |            | +                   | +                   |        |                         |                 | $\dagger$ | -             |             | +         |                            |      |                    | $\downarrow$   | +            |    |
|                      |     |            | +                   | 1                   |        |                         |                 | $\dagger$ | +             | +           | $\dagger$ |                            |      |                    | +              | $\downarrow$ | ╧  |
|                      | 1   | - 1        | +                   | Ŧ                   |        | +                       | 1               | $\dagger$ | +             | +           | +         |                            |      |                    | $\frac{1}{1}$  | 1            | 1  |
|                      | +   | ·          | 1                   | 1                   |        | +                       | $\dagger$       | $\dagger$ | $\frac{1}{1}$ | +           | +         |                            |      |                    | -              | 1            | 1  |
|                      |     | -          | _                   | _                   |        | _                       |                 | _         | _             | _           | _         |                            | _    | -                  |                | _            |    |

|                    | SORS              | 2                | -                                 | H                                 | _                                 | -                                 | $\vdash$                          | L                                 | H                                 | H                                 | -                           | ┞                                 | $\vdash$                          | L                                 | -                                | L                                 | -                                 | -                                 | -                                 | F                                 |                                   |                                   |                                   | F                                 | F                                 |   |   | П      | $\exists$ |   | Ц |   | F |   | $\square$ | П |   |   | F | 1  |
|--------------------|-------------------|------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------|-----------------------------------|-----------------------------------|-----------------------------------|----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|---|---|--------|-----------|---|---|---|---|---|-----------|---|---|---|---|--|
| ķ                  | S.                | ~                | >                                 | >                                 | >                                 | >                                 | >                                 | >                                 | >                                 | ,                                 | ,                           | >                                 | >                                 | Ļ                                 | Ĺ                                | Ĺ                                 | Ĺ                                 | Ĺ                                 | Į                                 | Į                                 |                                   | Ļ                                 |                                   | Ļ                                 | _                                 | Ļ   |   |        |           |   |   |   |   |   |           |   |   |   |   |  |
| VACOUR IN SECURIOR | DETECTION REASONS | LIMIT            |                                   |                                   |                                   |                                   |                                   |                                   |                                   |                                   |                             | -                                 |                                   | ^                                 | >                                | >                                 | >                                 | ^                                 | >                                 | >                                 | >                                 | >                                 | ۸                                 | >                                 | >                                 | >   | >   |        |           |   |   |   |   |   |           |   |   |   |   |  |
|                    | k                 | PARAMETER NAME   | bis(2-Ethylhexyl)phthalate        | Butylbenzylphthalate              | Chrysene                          | Dibenz(a,h)anthracene             | Dibenzofuran                      | Diethylphthalate                  | Dimethylphthalate                 | Di-n-butylphthalate               | Di-n-octylphthalate         | Fluoranthene                      | Fluorene                          | Hexachlorobenzene                 | Hexachlorobutadiene              | Hexachlorocyclopentadiene         | Hexachloroethane                  | Indeno(1,2,3-cd)pyrene            | Isophorone                        | Naphthalene                       | Nitrobenzene                      | N-Nitroso-di-n-dipropylamine      | N-nitrogodiphenylamine            | Pentachlorophenol                 | Phenanthrene                      | Phenol                                    | Pyrene                                    |        |           |   |   |   |   |   |           |   |   |   |   |  |
| o de la company    |                   | EDVOTT UR        | _                                 | -                                 |                                   | L                                 |                                   | <u> </u>                          | -                                 | L                                 | L                           | L                                 | L                                 | -                                 |                                  | H                                 |                                   |                                   |                                   | L                                 |                                   |                                   |                                   |                                   |                                   |   |   |        | _         | _ | 4 | _ |   | Ц | Н         | Н | Н | Н | H |  |
|                    | 5                 | MBASU            | DOAL                              | NOV                               | UG/L                              | UGA.                              | NGV                               | UGA                               | UGA                               | UGAL                              | UGAL                        | UGA                               | UCAL                              | NG/L                              | UQA                              | UQ/L                              | UGAL                              | nov.                              | Z<br>D                            | UQ/L                              | UQ/L                              | UGAL                              | UG/L                              | UGAL                              | UQ/L                              | UGA                                       | 7⁄0∩                                      |        |           |   |   | _ |   |   | Ц         | Ц | Ц |   |   |  |
|                    | 2 SKG             | BRROR            |                                   |                                   |                                   |                                   |                                   |                                   |                                   |                                   |                             |                                   |                                   |                                   |                                  |                                   |                                   |                                   |                                   |                                   |                                   |                                   |                                   |                                   |                                   |   |   |        |           |   |   |   |   |   |           |   |   |   |   |  |
| F                  |                   | IPTER.           | [n ]                              | n                                 | Ω                                 | n                                 | <u> </u>                          | n                                 | 2                                 | 5                                 | 5                           | Б                                 | Ь                                 | 'n                                | n                                | n                                 | n                                 | Ω                                 | n                                 | ņ                                 | ū                                 | ū                                 | U                                 | n                                 | l n                               | ņ   | l n                                       |        |           |   |   |   |   |   |           |   |   |   |   | 1  |
|                    | ANALYTI           | RESULT           | 10                                | 10                                | 01                                | 10                                | 10                                | 10                                | 01                                | 10                                | 0                           | 10                                | 10                                | 0                                 | 10                               | 10                                | 0                                 | 10                                | 10                                | 10                                | 10                                | 0                                 | 10                                | 20                                | 0                                 | 10  | 10  |        |           |   |   |   |   |   |           |   |   |   |   |  |
|                    | 3                 | ĸ                |                                   |                                   |                                   |                                   | П                                 |                                   | F                                 |                                   |                             |                                   |                                   |                                   |                                  |                                   |                                   |                                   |                                   |                                   |                                   |                                   |                                   |                                   |                                   |   |   |        |           |   |   |   |   |   |           | П |   | П | H |  |
|                    |                   | IDN CI           | TR 117-                           | TR 85-6                           | TR 218-                           | TR 53-7(                          | TR 132                            | TR 84-64                          | TR 131-                           | 1R 84-7                           | TR 1174                     | TR 206                            | TR 86-7:                          | TR 118-7                          | TR 87-64                         | TR 77-47                          | TR 67-7:                          | TR 193-3                          | TR 78-55                          | TR 91-20                          | TR 98-93                          | TR 621-4                          | TR 86-30                          | TR 87-86                          | TR 85-01                          | IR 103-9                                  | TR 129-C                                  | $\Box$ | _         |   | _ | _ |   |   |           | Н |   | Н |   | -  |
| <u>.</u> t         | Ħ                 | CODE             | SYOCIPTOL TR 117-81-7             | SVOCEPTCE TR 85-68-7              | SVOCLPTCL TR 218-01-9             | SVOCIETICE TR 53-70-3             | SVOCLPTCL TR 132-64-9             | SYOCIFIC TR 84-66-2               | SVOCIPTC TR 131-11-3              | SVOCIFIC TR 84-74-2               | SVOCLPTC TR 117-84-0        | SVOCING TR 206-44-0               | SVOCLPTCL TR 86-73-7              | SVOCLPTC TR 118-74-1              | SVOCLPTC   TR 87-68-3            | SVOCING TR 77-47-4                | SVOCEPTC TR 67-72-1               | SVOCLPTC TR 193-39-5              | SVOCLPTCL TR 78-59-1              | SVOCLPTC. TR 91-20-3              | 800CLPTC   TR   98-95-3           | SVOCLPTCL TR 621-64-7             | SVOCLPTCL TR 86-30-6              | SVOCLPTCL TR 87-86-5              | SVOCLPTC   TR 85-01-8             | SVOCEPICE TR 103-95-2                     | SVOCLPTCL TR 129-00-0                     |        |           |   |   |   |   |   |           | П |   | П |   |  |
| 3 2                | 4 ₹               | 8                | SVC                               | 340                               | SVC                               | SVC                               | 340                               | svo                               | 350                               | 30                                | 36                          | 380                               | svo                               | svo                               | 300                              | svo                               | svo                               | svo                               | 370                               | 370                               | avo.                              | svo                               | svo                               | svo                               | svo                               | s.  | svo                                       |        | -         | - | - | _ | _ |   | H         | Н | Н | Н | L |  |
| DI ANK             | SAMPLE            | NUMBER           | BLKI                              | BLKI                              | BLKI                              | BLKI                              | BLK1                              | BLKI                              | BLKI                              | BLKI                              | SBLK1                       | BLKI                              | BLKI                              | BLKI                              | BLKI                             | BLK1                              | BLK1                              | BLKI                              | BLKI                              | BLKI                              | BLKI                              | BLK1                              | BLKI                              | BLK1                              | BLKI                              | BLKI                                      | BLKI                                      |        |           |   |   |   |   |   |           |   |   |   |   | 100000000000000000000000000000000000000  |
|                    | Į.                | Ħ                | 1327 8                            | 1337                              | 1337                              | 1337                              | 1337                              | 3 1281                            | 1337                              | 1337 S                            | 1337                        | 1337 S                            | 1337 S                            | 1337 S                            | 1337 S                           | 1337   S                          | S 45E1                            | 1337 S                                    | 1337 S                                    |        | 7         |   | 1 | _ |   |   | П         | П | H |   |   |  |
| AMMILES<br>AVAIVER | E MA              | VOICE/DO         | 1,702,90                          | 11/02/90                          | 11/02/90                          | 1/02/90                           | 1/02/90                           | 1/05/90                           | 1,022/90                          | 1/02/90                           | 1/02/90                     | 1,02/90                           | 17/02/90                          | 17/02/90                          | 1,02/90                          | 1,02,90                           | 1,/02/90                          | 1,/02/90                          | 1,02,90                           | 1/03/90                           | 1,02,90                           | 1,02,90                           | 1,02,90                           | 1,02,90                           | 1/02/90                           | 1,02,50                                   | 1/02/90                                   |        |           |   |   |   |   |   |           |   |   |   |   |  |
| SAMPLE SAMPLE      |                   | мимору момору не | TTCS 14/31/90 11/02/90 1337 SBLK1 | TTCB 10/31/90 11/02/90 1337 SBLK1 | ITCB 10/31/90 11/02/90 1337 SBLK! | ITCE 10/31/90 11/02/90 1337 SBLK1 | ITCS 10/31/90 11/02/90 1337 SBLK1 | ITCE 10/31/90 11/02/90 1337 SBLK1 | ITCB 10/31/90 11/02/90 1337 SBLK1 | ITCE 10/31/90 11/02/90 1337 SBLKJ | TTCB 10/31/90 11/02/90 1337 | ITCH 10/31/90 11/02/90 1337 SBLK1 | ITCB 10/31/90 11/02/90 1337 SBLK1 | ITCB 10/31/90 11/02/90 1337 SBLK1 | TCB 10/31/90 11/02/90 1337 SBLK1 | ITCR 14/31/90 11/02/90 1337 SBLK1 | ITCB 10/31/90 11/02/90 1337 SBLK1 | ITCR 10/31/90 11/02/90 1337 SBLK1 | ITCE 10/31/90 11/02/90 1337 SBLK1 | ITCE 10/31/90 11/02/90 1337 SBLK1 | ITCE 10/31/90 11/02/90 1337 SBLK1 | ITCB 10/31/90 11/02/90 1337 SBLK1 | TTCB 10/31/90 11/02/90 1337 SBLK1 | ITCB 10/31/90 11/02/90 1337 SBLK1 | ITCB 10/31/90 11/02/90 1337 SBLK1 | ITCE   10/31/90   11/02/90   1337   SBLK1 | ITCB   19/31/90   11/02/90   1337   SBLK1 |        |           |   |   |   |   |   |           |   |   |   |   |  |
| ע מי               | 3                 |                  | mcs 1                             | ED II                             | ITCB 1                            | mag 1                             | ITCB 1                            | ITCE 1                            | ITCR 1                            | ITCE 1                            | TOB<br>1                    | ITCE 1                            | ITCB 1                            | ITCE 1                            | ITCB 1                           | ITCE 1                            | ITC8                              | ITC8 1                            | ITCB 1                            | ITCB 1                            | mag 1                             | mog 1                             | ITCS 1                            | ITCB 1                            | IT CB                             | mcs 1                                     | ITCB 1                                    |        |           |   |   | _ |   |   |           |   |   |   |   |  |
| 87.                | AMPLE             | UMBER            | 1037403C                          | 1037402C                          | 1037402C                          | 1037402C                          | 1037402C                          | 1037402C                          | 1037403C                          | 1037402C                          | 1037402C                    | 1037402C                          | 1037402C                          | 1037402C                          | 1037402C                         | 1037402C                          | 1037402C                          | 1037402C                          | 1037402C                          | 1037402C                          | 1037402C                          | 1037402C                          | 1037402C                          | 1037402C                          | 1037402C                          | 1037402C                                  | 1037402C                                  |        |           |   |   |   |   |   |           |   |   |   |   | The state of the s |
| -                  | SAMPLE SAMPL      | MATRIX NUMBER    | Water 10                          | Water 1(                          | Water 10                          | Water 10                          | Water 10                          | Weter 10                          | Water 10                          | Water 10                          | Water 10                    | Water 10                          | Water 10                          | Water 10                          | Water 10                         | Water 10                          | Water 10                          | Water 10                          | Weter 10                          | Water 10                          | Wester 10                         | Water 10                          | Wester 10                         | Water 10                          | Water 10                          | Weter 10                                  | Water 10                                  |        |           |   |   | _ |   |   |           |   | H |   |   | 1  |
|                    |                   |                  | 5                                 | B                                 | B                                 | ß                                 | -                                 | B                                 | B                                 | ß                                 | IE.                         | 5                                 | 4                                 | 3                                 | 3                                | *                                 | 4                                 | 12                                | 3                                 | 3                                 | 3                                 | *                                 | B                                 | A                                 | *                                 | A   | A   |        |           |   | - | _ | H |   | Н         | П | Н |   |   |  |
|                    | BATCH             | NUMBER           | 7100                              | 2017                              | 0017                              | C017                              | C017                              | C017                              | 7100                              | C017                              | C017                        | C017                              | C017                              | C017                              | C01.3                            | C017                              | C017                              | 7100                              | C017                              | 7100                              | 7100                              | C017                              | C017                              | 7100                              | 2100                              | C017                                      | 2100                                      |        |           |   |   |   |   |   |           |   |   |   |   |  |
| SAMPLE             | DATE TIME         | MON(DO) HEE      |                                   | 0                                 | 0                                 | 0                                 |                                   |                                   |                                   |                                   |                             |                                   |                                   |                                   |                                  |                                   |                                   |                                   |                                   |                                   |                                   |                                   |                                   |                                   |                                   |   |   |        |           |   |   |   |   |   |           |   |   |   |   |  |
| SAMPLE             | PATE              | MOMON            | 10/24/90                          | 10/24/90                          | 10/24/90                          | 10/24/90                          | 10/24/90                          | 10/24/50                          | 10/24/90                          | 10/24/90                          | 10/24/90                    | 10/24/90                          | 10/24/90                          | 10/24/90                          | 10/24/90                         | 10/24/90                          | 10/24/90                          | 10/24/90                          | 10/24/50                          | 10/24/90                          | 10/24/90                          | 10/24/90                          | 10/24/90                          | 10/24/90                          | 10/24/90                          | 10/24/90                                  | 10/24/90                                  | Ц      | _         |   |   |   | L | L |           |   |   |   |   |  |
| to or other        | SAMPLE            | NUMBER           | SW00450WC                         | SW00450WC                   | SW00450WC                         | SW00450WC                         | SW00450WC                         | SW00450WC                        | SW00450WC                         | SW00450WC                         | SW00450WC                         | SW00450WC                         | SW00450WC                         | SW00450WC                         | SW00450WC                         | SW00450WC                         | SW00450WC                         | SW00450WC                         | SW00450WC                                 | SW00450WC                                 |        |           |   |   |   |   |   |           |   |   |   |   |  |

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QLI 4 RESULT

Noturban/010c017

| B, GIM PROJECT * 4002:416                | A A     | ABCDEFGHIJKLMN       | 1,402<br>1,405 | PRESERVATIVE CO WITH C | 132, 238  14, 235, 238  16, 14, 24, 27  16, 15, 304, 203  17, 16, 31  18, 103/1002, A  19, 103/1002, A  10, 10, 10, 10, 10, 10, 10, 10, 10, 10, | H2  ODE  TOC  TOC  ODE  TOC  ODE  TOC  TOC  ODE  TOC  ODE  TOC  ODE  TOC  TOC  TOC  TOC  TOC  TOC  TOC  TO | X   | X             | X             | X |                      |               |            | X   | X         |                   |          | DATE/TIME LABORATORY USE ONLY Y / N   | PCKG REC'D/CUSTODY SEALS INTACT     | 10/47/47 13C/ SAMPLE LABELS/COCS AGREE | TEMPERATURE WITHIN SPECIFICATIONC | CORRECTED COPY ATTACHED | OTHER PROBLEMS OR DISCREPANCIES | / Ex                |
|--|---------|----------------------|----------------|--|---|--|---|---------------|---------------|---|----------------------|---------------|------------|-----|-----------|-------------------|----------|---------------------------------------|-------------------------------------|--|-----------------------------------|-------------------------|---------------------------------|---------------------|
| Woodwad Chyde CONTRACTOR FORM SON, CO ED | //8/20A | TE DEVOL KA LEE SOST |                |  | EG&G ROCKY FLATS PLANT  CHAIN OF CUSTODY  | TIME SAMPLE NUMBER LOCATION TYPE   | 12492 1528 5 WOOYSOWC SWASS 5 40AL VIN 2W | 1530 1 1 1/46 | 122- 14.96 2W | " | 1537 + 1 12 Poly 1 W | 1570 1 1/0/11 | 1542 14 1W | 250 | 1/ Bhy // | (1557 * 10056 140 | 10-26-90 | RELINQUISHED BY DATE/TIME RECEIVED BY | Walleye But 194/70 100 Bruen 2. Rue | 10/4/0 1/45 J                          | The Twallen 14310 13.3            |                         | REMARKS KECHALOOK C.            | SHIPMENT METHOD Fe. |

EG&G ER Department Rocky Flats Plant

## EM DEPARTMENT DATA ASSESSMENT SUMMARY REPORT FORM

| Bate       | ch No. <u>9010C074</u>   |                 | Site Su                 | rface Water                    |                                |                                     |
|------------|--|-----------------|-------------------------|--------------------------------|--------------------------------|-------------------------------------|
| Lab        | oratory ITAS - Cerritos  |                 | No. of S                | Samples/Ma                     | trix <u>13/Water</u>           |                                     |
| sov        | W # <u>7/88</u>  |                 | Review                  | er Org. <u>Qu</u>              | antaLex, Inc.                  |                                     |
| sol        | nple Numbers <u>SW00373WC (total auble), SW00453WC (total and soluble</u>  | nd soluble), S  | W00449WC (WC (total and | (total and sol<br>soluble). SW | uble), SW0045<br>780059WC (tot | 60WC (total and cal and soluble).   |
|            |  | Data Assessi    | ment Summa              | <u>ry</u>                      |                                |                                     |
|            |  | ICP             | AA                      | Hg                             | CN                             | Comments                            |
| 1.         | Holding Times  | v               | <u></u>                 | <u>v</u>                       | N/A                            |                                     |
| 2.         | Calibrations   | A               | <u>v</u>                | R                              | N/A                            | Action Items 1-4                    |
| 3.         | Blanks   | A               | A                       | <u>v</u>                       | N/A                            | Action Items 5-13                   |
| 4.         | ICP Interference Check Sample  | A               | N/A                     | N/A                            | N/A                            | Action Items 14-20                  |
| 5.         | Matrix Spike Sample Results  | <u>v</u>        | _A                      | <u>V</u>                       | N/A                            | Action Items 21-25                  |
| 6.         | Duplicate Sample Results   |                 | v                       |                                | N/A                            |                                     |
| 7.         | Lab Control Sample Results   | <u>v</u>        | <u>V</u>                | <u>v</u>                       | N/A                            |                                     |
| 8.         | Method of Standard Addition  | N/A_            | A                       | N/A                            | N/A                            | Action Item 26                      |
| 9.         | Serial Dilution  | <u> </u>        | N/A                     | N/A                            | N/A                            |                                     |
| 10.        | Sample Verification  | <u>v</u>        | <u>v</u>                |                                | N/A                            |                                     |
| 11.        | Other QC   | X               | X                       | <u> </u>                       | N/A                            | Comments 1-6                        |
| 12.        | Overall Assessment   | A               | A                       | R                              | N/A                            | Data acceptable with qualifications |
|            | <ul> <li>V = Data had no problems.</li> <li>A = Data acceptable but qualified due to problems.</li> <li>R = Data rejected.</li> <li>X = Problems, but do not affect data.</li> </ul> |                 |                         |                                | N/A = Not applica              | ıble.                               |
| Dat        | ta Quality: Data contained in this batch w   | ere reviewed an | d found to be acc       | eptable with qu                | alifications. Acce             | eptable,                            |
| qual       | lified data may be used provided that individu   | al values impac | ted by the "Action      | n Items" listed                | below are appropr              | iately flagged.                     |
| <b>m</b> - | for to attached Deculta Cummary Tables)  |                 |                         |                                |                                |                                     |

| Action Items: 1) The Manganese values for SW00373WC (total and soluble), SW00453WC (total and                |
|--|
| soluble), SW80058WC (total and soluble), and NP500226WC (total) are estimated (J) because CRDL check         |
| sample (CRI) recovery criteria were not met.   |
| 2) The Molybdenum value for SW00373WC (soluble) is estimated (J) because CRDL check sample (CRI)             |
| recovery criteria were not met.  |
| 3) All Phosphorus values except SW80058WC (total and soluble) are estimated (J) because CRDL check           |
| sample (CRI) recovery criteria were not met.   |
| 4) All Mercury non-detects are rejected (R) because of incorrect calibration of instrument.                  |
| 5) The Calcium value for SW80058WC (total and soluble) are estimated and undetected (UJ) because Calcium     |
| values > IDL were found in the blanks.   |
| 6) The Iron values for SW80058WC (soluble), SW00373WC (soluble), and SW00453WC (soluble) are                 |
| estimated and undetected (UJ) because Iron values > IDL were found in the blanks.                            |
| 7) The Iron, Silver, and Vanadium values for SW00450WC (total), SW0080059WC (total), and NP500226WC          |
| (total) are estimated and undetected (UJ) because analyte values > IDL were found in the blanks.             |
| 8) The Lead values for SW00373WC (total), SW00449WC (total), SW00450WC (total), SW00453WC (total),           |
| SW80058WC (total), SW80059WC (total), and NP500226WC (total) are estimated and undetected (UJ) because       |
| Lead values > IDL were found in the blanks.  |
| 9) The Lead non-detects for SW00373WC (soluble) and SW00449WC (soluble) are estimated and undetected         |
| (UJ) because of negative bias indicated in the blanks.   |
| 10) The Magnesium and Vanadium values for SW80059WC (total) are estimated and undetected (UJ) because        |
| analyte values > IDL were found in the blanks.   |
| 11) The Silicon non-detect for SW80058WC (soluble) is rejected (R) because of negative bias indicated in the |
| blanks,  |
| 12) The Silver values for SW00373WC (total) and SW00453WC (total) are estimated and undetected (UJ)          |
| because Silver values > IDL were found in the blanks.  |
| 13) The Thallium value for SW00453WC (soluble) is estimated (J) because Thallium values > IDL were found     |
| in the blanks.   |

| Action Items (cont.): 14) The Antimony values for SW00449WC (total and soluble) are estimated and                 |
|---|
| undetected (UJ) because of possible interference as indicated in the ICP Interference Check Sample,               |
| 15) The Beryllium and Cadmium non-detects for SW00449WC (total and soluble), SW00450WC (total and                 |
| soluble), and SW80059WC (total and soluble) are rejected (R) because of possible interference as indicated in the |
| ICP Interference Check Sample,  |
| 16) The Copper and Zinc non-detects for SW00449WC (soluble), SW00450WC (soluble), and SW80059WC                   |
| (soluble) are rejected (R) because of possible interference as indicated in the ICP Interference Check Sample.    |
| 17) The Copper and Zinc values for SW00449WC (total), SW00450WC (total), and SW80059WC (total) are                |
| estimated (J) because of possible interference as indicated in the ICP Interference Check Sample.                 |
| 18) The Manganese values for SW00449WC (total), SW00450WC (total), and SW80059WC (total) are                      |
| estimated and undetected (UJ) because of possible interference as indicated in the ICP Interference Check Sample. |
| 19) The Vanadium values for SW00449WC (total and soluble), SW00450WC (soluble), and SW80059WC                     |
| (soluble) are estimated (J) because of possible interference as indicated in the ICP Interference Check Sample.   |
| 20) The Tin values for SW00449WC (total) and SW80059WC (total) are estimated (J), and the value for               |
| SW00450WC (total) is estimated and undetected (UJ) because of possible interference as indicated in the ICP       |
| Interference Check Sample.  |
| 21) The Selenium values for SW00453WC (soluble) and SW80059WC (soluble) are estimated (J), and the                |
| non-detects for SW00373WC (soluble) and SW80058WC (soluble) are estimated and undetected (UJ) because             |
| pre-digestion matrix spike recovery criteria were not met.  |
| 22) The Thallium non-detects for SW00373WC (soluble), SW00449WC (soluble), SW00450WC (soluble),                   |
| SW80058WC (soluble), and SW80059WC (soluble) are estimated and undetected (UJ) because pre-digestion              |
| matrix spike recovery criteria were not met.  |
| 23) The Selenium values for \$W00449WC (total), \$W00453WC (soluble), \$W80059WC (soluble), and                   |
| NP500226WC (total) are estimated (J), and the non-detect for SW00373WC (total) are estimated and undetected       |
| (UJ) because post-digestion matrix spike recovery criteria were not met.  |
| 24) The Thallium non-detect for SW00373WC (total) is estimated and undetected (UJ) because post-digestion         |
| matrix spike recovery criteria were not met.  |

| Action Items (cont.): 25) The Arsenic value for SW00373WC (soluble) is esting           | nated (J) because                              |
|---|--|
| post-digestion matrix spike recovery criteria were not met.                             |  |
| 26) The Selenium value for SW00450WC (soluble) is estimated (J) because MSA             | calibration correlation                        |
| coefficient was < 0.995.  |  |
|   |  |
|   |  |
| Comments: 1) In order to comply with SOW 7/88, the digestion logs should indic          | ate whether the final pH of                    |
| the prepped samples is < 2 or > 12, as applicable. No final pH values were reported.    | ·  |
| 2) A post-digestion spike concentration of 6.0 ug/L was used for Lead. In order         | to comply with SOW 7/88,                       |
| the post-spike concentration should have been 20.0 ug/L.                                |  |
| 3) The Laboratory Control Sample values for Calcium, Lithium, Magnesium, and            | d Sodium were not listed on                    |
| EPA Form VII for total samples.   |  |
| 4) The Thallium IDL was changed for 0.9 ug/L to 2.9 ug/L for samples SW0037.            | 3WC (total), SW00453WC                         |
| (total), SW80059WC (total), and NP50226WC (total). More than one instrument was         |  |
| In compliance with SOW 7/88, the higher IDL (2.9 ug/L) was used to validate the data    |  |
|   | ,  |
| 5) The Thallium IDL was changed from 0.60 ug/L to 0.90 ug/L for samples SW0             |  |
| SW00449WC (soluble). More than one instrument was used to analyze the samples.          |  |
| 7/88, the higher IDL (0.9 ug/L) was used to validate the data and to report non-detects | ) <u>.                                    </u> |
|   |  |
| Note: Data Summary Tables are attached.   |  |
| 1   | ,  |
| Tamela C. M. Gellan   | 6/3/91   |
| Validator Signature   | Date   |
| Ehristing 16 Gomes  | 4/3/91   |
| Reviewer Signature  | Date   |

| 3             | 8          | <b>§</b>                       | Т  | T                      | ٦                     | ٦                      | П          |                        |            | Π                      |            | П          | ٦          |            | 5                      |            |                | Γ                      | Γ                      | Γ          | Τ                     | T                      | T  | T:                | 7                   | T                     | 1          | ]             | T                      |            | T          | 1          |            |   |   |        |          | Γ |          |              | Γ        | I         | ] |
|---------------|------------|--------------------------------|--|------------------------|-----------------------|------------------------|------------|------------------------|------------|------------------------|------------|------------|------------|------------|------------------------|------------|----------------|------------------------|------------------------|------------|-----------------------|------------------------|--|-------------------|---------------------|-----------------------|------------|---------------|------------------------|------------|------------|------------|------------|---|---|--------|----------|---|----------|--------------|----------|-----------|---|
|               |            | MBASU P                        | +  | 1                      | 1                     | _                      | Н          |                        |            | П                      | -          | H          | 1          |            | Ħ                      |            |                | T                      | T                      | T          |                       | T                      | T  | Ť                 | 1                   | 1                     | 1          | 1             | 1                      | 1          | 1          | 1          |            |   |   |        |          | Γ | I        |              | Γ        | T         |   |
| 1             | ठे         |                                | +  | +                      | 4                     | _                      | Н          | Н                      | _          | Н                      |            | Н          | $\dashv$   | Н          | Н                      | _          | -              | +                      | +                      | +          | +                     | +                      | +  | +                 | +                   | +                     | +          | +             | +                      | +          | +          | +          | $\dashv$   | Н |   | -      | $\vdash$ | + | $\vdash$ | +            | +        | $\dagger$ | 1 |
|               | 3          | 4 RESULT                       |  |                        |                       |                        |            |                        |            |                        |            |            |            |            |                        |            |                |                        |                        |            |                       |                        | ١  |                   |                     |                       |            | 2             |                        | 1          |            |            |            |   |   |        |          |   |          |              |          | L         |   |
|               |            | - 1                            | 1  | 1                      |                       |                        |            |                        |            |                        |            |            |            |            |                        |            | ļ              | 1                      | 1                      | ļ          | 1                     | 1                      | 1  | 1                 | 1                   | 4                     | 1          | •             | 7                      | 7          | 4          |            |            | П |   |        | F        | F | F        | F            | F        | F         | _ |
|               | REASONS    | 1 2 3                          | $\dashv$                                 | 1                      | -                     |                        |            |                        |            |                        |            |            |            |            |                        |            |                | t                      | 1                      | t          | †                     | 1                      | 1  | 1                 |                     |                       | 1          | 1             | 1                      | 1          | 1          |            |            | Ħ |   |        |          | t | ļ        | ļ            | ļ        | ‡         |   |
| _ <u>_</u>    |            | •                              | >  | ,                      | >                     | ٨                      | >          | >                      | ,          | >                      | ,          | >          | ^          | >          | 7                      | >          | <del> </del> , | \ \f                   | +                      | +          | <del> </del>          | +                      | +  | -                 | 4                   | >                     |            | 7 4           | >                      | ,          | ,          | 74 5       | -          |   | - | H      | H        | t | t        | t            | t        | t         | _ |
| INSTRUMENT    | DETHICTION |                                |  |                        |                       |                        |            |                        |            |                        |            |            |            |            |                        |            |                | ١                      | ١                      |            |                       |                        |  |                   |                     |                       |            |               |                        |            | ١          |            |            |   |   |        |          |   |          |              |          |           |   |
| 2             | E          | TIMOT                          | õ  | 50.0                   | s                     | 0.02                   | 07         | 5                      | 18         | -                      | <u> </u> _ | 0.02       | 2          | 2          | 8                      | -          | 1              | 2                      | 3                      | ٤          | 2   3                 | 5                      | 4  | ~                 | 2                   | 2                     | 2          | 9             | 2                      | ~          | ĕ          |            | _          | - | - | -      | $\vdash$ | + | ╀        | +            | +        | ╀         | _ |
|               |            | PARAMETER NAME                 | Aluminum                                 | Antimony               | Arsenic               | Barium                 | Beryljum   | Cadmium                | Calcium    | Cosium                 | Occanism   | Cobalt     | Copper     | Iron       | Icad                   | Lithium    | Merchan        | Wingston In            | Water Branch           | Marail     | Molyboomen            | Nickel                 | Polassium  | Selenium          | Silver              | Sodium                | Strontium  | Thalliam      | Tin                    | Vanadium   | Zinc       | Phosphorus |            |   |   |        |          |   |          |              |          |           |   |
| 1             | NOF        | E L                            |  |                        | L                     |                        | L          |                        |            | 1                      |            | L          | L          | L          | L                      | -          |                | 1                      | 1                      | 1          | 1                     | 1                      |  |                   | L                   | L                     |            | _             |                        |            |            | L          | -          | - | L | $\mid$ | 1        | ļ | 1        | 4            | 1        | 1         |   |
|               | 1 3        | S                              | UGAL                                     | UGA.                   | UGA                   | DOA.                   | 1304       | 100                    | 2          | 100                    | 101        | No.        | 200        | 1304       | 101                    | 201        | 1              | 3                      | OG/L                   | 2          | 700                   | ZĞ                     | UGAL   | NOV               | DOA.                | UGAL                  | UGA.       | UG/L          | UQ/L                   | UGAL       | UGA        | UGA        | -          | - |   | -      | 1        | 1 | 1        | $\downarrow$ | 1        | 1         | _ |
|               | 5          | KOK K                          |  |                        |                       |                        |            |                        |            | -                      |            |            |            |            |                        |            |                |                        |                        |            |                       |                        |  |                   |                     |                       |            |               |                        |            |            |            |            |   |   |        |          |   |          |              |          |           | _ |
|               | KSI.1      | I LIE                          |  | n                      |                       |                        | 1          | , =                    |            |                        |            |            |            | 1          | 1                      |            | 1              |                        |                        |            | 2                     |                        |  | Ω                 |                     |                       |            | Э             |                        |            |            |            | I          | L |   | I      | I        | I | I        | I            | 1        | 1         | _ |
|               | -          | USOLT                          | \$6.8                                    | 26.0                   | 2.0                   | 150                    | 650        | 300                    | 2000       | 20800                  |            | 4.0        | 4.0        | 104        | 3,6                    | 7.0        | 0.17           | 43100                  | 17.7                   | 0.10       | 13.0                  | 22.0                   | \$70   | 1.2               | 4.0                 | 168000                | 864        | 0.0           | 26.3                   | 7.7        | 34.8       | 502        |            |   |   |        |          |   |          |              | 1        |           | _ |
|               |            | NUMBER RESOLT BYEN BY          | 7429.90-5                                | 1                      | 1                     | Т                      | 7          | Τ.                     | $\neg$     | 7440-70-2              | 7          | 740047-3   | 7          | Т          | 7                      | F          | - 1            | - 1                    | 7                      | 1          | _                     | 7440-02-0              | 7440-09-7  | 7782-49-2         | Г                   |                       | 1          | 7440-28-0     | 1                      | 7440-622   | Г          | Т          | 1          |   |   |        |          |   |          |              |          |           |   |
|               |            | 5 B                            | ١.                                       |                        | T                     | T                      | J          | I                      | 1          |                        | 1          | T          | Ţ          | Ţ          | I                      | 1          | $\perp$        | $\Box$                 |                        | ٦          |                       |                        | Γ.   | Τ.                | T                   | I                     | Т          | Т             |                        | Τ.         | T.         | Т          | T          | 1 | 1 | +      | 1        | 7 | 1        | 7            | 7        | 1         | _ |
| IX.           | THST       | COOR                           | ATA PITA                                 | A.L.O.L.O.             |                       | MEIGE                  | SMETCLATA  | SKETCL PTA             | METGLYTA   | MHTGFTA                | SMIKINOKI  | BUILCIPTA  | SOUTH      | SWIETCLYTA | SMETCLETA              | SMETCLETA  | SMETINOCL      | SMETCLTA               | SARTCLITA              | SMITTELFTA | SMRTNOCL              | SWITTERT               | SAKITCLIFTAL   | SKITCL PTA        | ATT CHILD           | STATE STATE           | SAFITNOCLA | WATER COMPANY | SMETNOCL               | SABTOLIA   | SAFTCLYTAL | 1          |            | 1 |   |        | 1        |   | -        |              | 1        |           | _ |
|               | BLANK      | SAMPLE                         |  |                        |                       |                        |            |                        |            |                        |            |            |            |            |                        |            |                |                        |                        |            |                       |                        |  |                   |                     |                       |            |               |                        |            |            |            |            |   |   |        |          |   |          |              |          |           |   |
|               | SIS        | 10.00<br>10.00                 |  |                        |                       |                        |            |                        |            |                        |            |            |            |            |                        |            | 0              |                        |                        |            |                       |                        | -  |                   |                     |                       |            | ,             | 0 0                    | , ,        |            |            |            | + | + | +      | +        | - | -        | $\dashv$     | +        | $\vdash$  | H |
| AMIL          | ANAL, YSIS | DATE TEMP                      |  | 1/84/30                | 1/24/3                | 120                    | 1/24/8     | 1/24/                  | X/4/1      | 1/34/9                 | 2007       | 11/24/8    | X/X        | Z/Z/11     | 200                    | 6/8251     | 11/24/9        | 11/24/9                | 11/24/9                | 11/28/9    | 2/2/5                 | 15.04.0                | 200  | 1                 |                     | //                    | 100        |               | 2007                   | 1          |            |            | 5          |   |   |        |          |   |          |              |          |           | L |
| SAMPLE SAMPLE |            | 7                              | -  | 3                      | 8/1                   | 8/                     | 8/2        | 06/1                   | 06/1       | 17/90                  | 17/90      | 17/90      | 8/2        | 06/17      | 8/2                    | 06/11/     | 06/17          | 04/17                  | 06/17                  | 06/12/     | 04/20                 | 06/17                  | 21,00  | 27.0              | 2                   | 08/21/                | 2012       |               | 27,72                  | 22.00      | 2          | 24/1/      | 8/25       |   |   |        |          |   |          |              |          |           |   |
| SAI           | PEST       | -                              | -  | TICA 11/11/90 11/04/90 | TCA 11/17/90 11/24/90 | TICA 11/17/90 11/27/90 | 3          | TICA 11/17/90 11/24/90 | 3          | ITCA 11/17/90 11/34/90 | 3          | 2          | 3          | <u>=</u>   | ITCA 11/17/90 11/24/90 | 711        | 2              | TICA 11/17/90 11/24/90 | TTCA 11/17/90 11/24/90 | 12         | 04/2/11/2/90 11/24/90 | TTCA 11/17/90 11/24/90 | 1  | TC4 110760 110760 | ווכא וווווא וויייוו | TCA 11/17/90 11/04/90 | 3          | 5             | TTCA 11/17/80 11/04/80 |            | 3          | 3          | 뒭          | + | + | +      | +        | 1 | -        | П            |          | Г         | t |
| $\vdash$      |            | 3 a                            | +  |                        | =                     | =                      | =          |                        | E          | 1                      | =          | -          | =          | =          | =                      | E          | =              | =                      | =                      | 1          | f                     | 15                     | ť  | †                 | 1                   | 7                     | †          | +             | +                      | ť          | ť          | 1          | 1          | 1 | 1 | 1      | 1        | 1 |          | П            | П        |           | Ī |
|               | 871        | SAMPLE SAMPLE<br>MATRIX NUMBER |  | C01037603G             | C01037603G            | C01037603G             | C01037603G | C01037603G             | C01037603G | C01037603G             | C01037603G | C01037603G | C01037603G | C010376030 | C01037603G             | C01037603G | C010376030     | C01037603G             | C01037603G             | 0000000000 | CHONCONCO             | September 1            | STORY OF THE PARTY | C01037603G        | 0010376030          | C010376030            | C01037603G | C010376030    | C010376030             | C0103/6030 | C01037603G | 0010376030 | C01037603G |   |   |        |          |   |          |              |          |           |   |
| -             |            | AMPLA                          |  | Vale                   | Water                 | Water                  | Vale       |                        | Wale       | Γ                      | ***        |            | Water      | Water      |                        | Г          | Г              | Т                      | Τ                      |            |                       |                        |  | Var               | Wase                | Water                 | Vale       | *             | *                      | Water      | Wes        | ***        | ***        |   |   |        |          |   |          |              |          |           |   |
|               | _          | MATCH S.                       |  | 9010C074 w             | 9010C074 W            | 9010C074 W             | 9010C074   | 9010C074               | 9010C074   |                        |            |            | 90100074   | 9010C074   |                        | 9010C074   |                | 1                      |                        |            |                       | 901000/4               |  |                   |                     |                       |            |               |                        |            |            |            | 90100074   |   |   |        |          |   |          |              |          |           | - |
|               | 1          | 10.                            |  | 0                      | 0                     | 0                      | 10         | 0                      | 6          | 100                    | 0          |            | 0          | 8          | 8                      | 9          | 1              | 2 5                    | 2 5                    |            | 2                     | 8                      | 8  | 8                 | 8                   | 8                     | 8          | 8             | 8                      | 8          | 8          | Ş.         | 06         | Н |   | H      |          | - | -        | -            | $\vdash$ | +         | - |
|               | SAMPLE     | DATE TOWN                      |  | 10/25/90               | 10725/90              | 10725/90               | 1075/90    | 10/25/90               | 100.500    | 1025/80                | 1025/00    | 10/25/90   | 10/25/90   | 1075/90    | 10/25/90               | 06/5001    |                | 2                      | COCO.                  | 100        | 10/2/20               | 10/25/90               | 1025/20  | 10/25/90          | 10/25/90            | 10/25/90              | 10/25/90   | 10/25/90      | 10/25/90               | 10/25/90   | 10/25/90   | 10/25/90   | 10/25/90   |   |   |        | _        | - | -        | -            | -        | +         | - |
|               |            | SAMPLE                         | TO T | SW00373WC              | SW00373WC             | SW00373WC              | SWOOTTIME  | SW00373WC              | OWET COOKS | SW00373WC              | SW00171WC  | SW00373WC  | SW00373WC  | SW00373WC  | SW17100WS              | CW00171WC  | SWOODS         | SW003/3WC              | SW003/3WC              | SW003/3WC  | SW003/3WC             | SW00373WC              | SW00373WC  | SW00373WC         | SW00373WC           | SW00373WC             | SW00373WC  | SW00373WC     | SW00373WC              | SW00373WC  | SW00373WC  | SW00373WC  | SW00373WC  |   |   |        |          |   |          |              |          |           |   |

|          | 3 8        | į į                            | П           | ٦          | ٦          | ٦          |           | П          |            | П          | ٦          | 7              | ٦          | J          | 1             | ٦         | Ī          | ٦          | Т                      | 7           | ٦          | 1         |           | ٦          |           |            |           | _           |            |           |           | П          | П |   |   |   | П | П |   | T         |
|----------|------------|--------------------------------|-------------|------------|------------|------------|-----------|------------|------------|------------|------------|----------------|------------|------------|---------------|-----------|------------|------------|------------------------|-------------|------------|-----------|-----------|------------|-----------|------------|-----------|-------------|------------|-----------|-----------|------------|---|---|---|---|---|---|---|-----------|
| Γ        |            | 3                              | H           | 7          | 7          | 1          |           | H          |            | Н          | 7          | 1              | 7          | 퀴          | 1             | 1         | 1          | 1          | 1                      | 1           | 1          | 1         | 7         | 7          | -         | 7          | 7         | 깆           |            | ٦         | ٦         | H          | П | Н |   | Н | Н |   |   | $\dagger$ |
| 3        | 5 8        |                                | Н           | _          | 4          | 4          |           | Н          |            | Ц          | _          | 4              | 4          | -          | 4             | 4         | 4          | 4          | 4                      | 4           | 4          | 4         | 4         | 4          | 4         | 4          | 4         | ng/r        | 4          | 4         | Ц         | Н          | Н | Н | Н | _ | Ц | Н |   | +         |
|          | 5          | 4 RESULT                       |             |            |            |            |           |            |            |            |            |                |            |            |               |           |            |            |                        |             |            |           |           |            |           |            |           | 8.0         |            |           |           |            |   |   |   |   |   |   |   |           |
|          | _          | _                              | Н           | -          | 4          | 4          |           | Н          |            | Н          | _          |                | 4          | +          | -             | 7         | 4          | 4          | 7                      | -           | 4          | 4         | $\dashv$  | 4          |           | _          | -1        | 8           | 4          | 4         |           |            |   | Н | Н | Н |   |   | - | +         |
|          | PHASONS    | N                              |             |            |            |            |           |            |            |            |            |                |            | 1          | 1             | 1         |            |            |                        |             |            |           | 2         |            |           |            | ╛         | 3           |            |           |           |            |   |   |   |   |   |   |   | 士         |
| ļ        |            | Α.                             | Н           | -          | <u>=</u>   | _          | _         | H          |            | Н          | _          |                | $\perp$    | 4          | <b>∞</b><br>≤ | -         | _          | 2          | ٩                      | ۲ ۲         | -          | - 1       | 12        | _          |           | _          | ,         | 2<br>4      | ,          | -         | $\exists$ | 2          | Н |   |   |   | Н | Н | - | +         |
|          | DISTRUMBUT | <b>E</b>                       | 10 v        | v 50.0     |            | 0.02 v     | ٥٥ ،      | 0.1        | 7 OO 1     | ۶ ۷        | >          | v 20.0         | 2 01       |            |               | ^         | 7          | 2          | 20.0                   |             | 0.02       | 20        |           | A 01       | 7 22      | 20         |           |             | 2          |           | 10        | 1          |   |   |   |   |   |   |   |           |
|          |            | PARAMETER HAME                 | Aluminum    | Antimony   |            |            | Beryllium | Cadmium    | Calcium    |            | uen        |                | þ          |            |               |           |            | 2          |                        | enum        |            |           | 8         |            |           |            | 1         | lium        |            | diven     | Zinc      | Phosphorus |   |   |   |   |   |   |   |           |
|          | A SET      | <b>E</b>                       |             |            |            |            |           |            | L          |            |            |                |            |            |               |           |            |            |                        |             |            |           |           |            |           |            |           | _           |            |           |           |            |   |   |   |   |   |   |   | _         |
|          | E 2        |                                | UOA.        | UOAL       | UQ/I       | UGAL       | DOM.      | UGAL.      | DOC        | UGAL       | UOAL       | UOAL           | UOAL       | ZGZ<br>Z   | ZG<br>CG      | UGA       | UGAL       | No.        | UQ/L                   | NOA.        | CO/L       | UGA       | UOAL      | UQA.       | UGAL      | UCA        | NG/L      | UQ.         | UQ/L       | UG/L      | UQA       | UOA        |   |   |   |   |   |   | _ | 1         |
|          | 5          | HRROR                          |             |            |            |            |           |            |            |            |            |                |            |            |               |           |            |            |                        |             |            |           |           |            |           |            |           |             |            |           |           |            |   |   |   |   |   |   |   |           |
|          | 12.5       | ¥ 1                            | Ы           |            |            |            | Ω         | ם          |            | n          | Ū          | U              |            |            | 5             |           |            |            | 5                      |             | n          |           | n         |            |           |            |           | Ы           |            |           |           |            |   |   |   |   |   |   |   |           |
|          | Ę          | RHSULT BYIER                   | 27.0        | 29.4       | 1.8        | 168        | 09'0      | 2.9        | 43900      | 55.0       | 4.0        | 4.0            | 7.6        | 9.9        | 0.40          | 103       | 47900      | 4.6        | 0.10                   | 15.6        | 12.0       | 10500     | 1.2       | 3200       | 3.9       | 187000     | %<br>%    | 09.0        | 86.1       | 8.2       | 2.3       | 638        |   |   |   |   |   |   |   |           |
|          | ;          | *                              | 7429-90-5   | 7440-36-0  |            | 7440-39-3  | 7440-41-7 | 7440-43.9  | 7440-70-2  |            | 7440-47-3  |                | 7440-50-8  |            |               |           | 7439-95-4  | 7439-96-5  |                        | 7439-98-7   |            |           | 1         |            | 7440-22-4 |            | 7440-24-6 | _           | 7440-31-5  | 1         | ŀ         | 7723-14-0  |   |   |   |   |   |   |   |           |
| $\vdash$ | 1          | 2 0                            | ١.          | ĺ          | ,          |            | _,        | Ι,         | ,          | 74         |            | Ι,             | Ţ          | ,          | ,             | 74        | ,          | ,          | ,                      | 74          | ,          | 74        |           | 74         |           | ,          |           |             |            | ,         | _,        |            |   |   |   |   |   |   |   | $\pm$     |
| 1AH      | TS)L       | CODE                           | DMRTCLTTA   | DARKTOLFTA | DMRTCLFTA  | DMOTTCLFTA | DMETCLETA | DAGTELLITA | DARKTELPTA | DOMETNOCLE | DAGTICLETA | DIMOSTICI PITA | DARRICLATA | DIMETCLPTA | DMBTGLTA      | DMBTNOCL  | DMETCLETA  | DMBTCLFTA  | DMBTCLFTA              | DMITTHOCILE | DMETCL/TTA | DMPTCLPTA | DMRTCLPTA | DMETHOCLE  | DMETCLETA | DMHTCLPTA  | DMRTNOCL  | DMBTCLPTA   | DMBTNOCL   | DMETCLETA | DMBTCLFTA | DARTICIPTA |   |   |   |   |   |   |   |           |
|          | RIANK      | NUMBER                         |             |            |            |            |           |            |            |            |            |                |            |            |               |           |            |            |                        |             |            |           |           |            |           |            |           |             |            |           |           |            |   |   |   |   |   |   |   |           |
|          | 2          | ¥ #                            |             |            |            |            |           |            |            |            |            |                |            |            |               |           |            |            |                        |             |            |           |           |            |           |            |           |             |            |           |           |            |   |   |   |   |   |   |   |           |
| MM       | ANALYSIS   | DATE TIME<br>MOVODY 181:       | 08/86/      | 11/24/90   | 13/90      | 11/24/90   | 8         | 8/30       | 8          | 12/05/90   | 11/24/90   | 78/80          | 11/24/90   | 724/90     | 11/13/90      | /24/90    | 11/24/90   | 12/30      | 06/82/                 | 724/90      | 11/24/30   | 724/90    | 11/27/90  | 124/90     | 11/24/90  | 11/24/90   | 724.90    | 11/13/90    | 11/24/90   | 11/24/90  | 11/24/90  | 04/90      |   |   |   |   |   |   |   |           |
| 13       |            | 7                              | =           | =          | =          | Ξ          | E         | =          | E          | -          | Ξ          | =              | =          | Ξ          | Ξ             | Ξ         | Ξ          | =          | TTCA 11/27/90 11/28/90 | Ξ           | =          | =         | 11        | 11         | =         | =          | 11        | 11          | 11         | 11)       | 11        | 11         |   |   |   |   |   |   |   | $\dagger$ |
| Ë        | -          | I AB DATE                      | Ę           | Ş          | ş          | ş          | ş         | Ę          | Ę          | ş          | ş          | ş              | ž          | ş          | ş             | ş         | ş          | Į          | Ę                      | ş           | Į          | ş         | 2         | ş          | Ş         | Ş          | Ş         | TCA<br>LICA | TICA       | ₹<br>Z    | Į.        | Υ          |   |   |   |   |   |   |   | T         |
|          |            |                                | C010376031f | C01037603H | C01037603H | C01037603H |           |            | COTOSTGOSH |            |            | COLOSTIGONE    |            |            | C01037603H    |           | C01037603H | C01037603H |                        |             | C01037603H |           |           | C01037603H |           | C01037603H |           |             | C01037603H |           |           | COIO37603H |   |   |   |   |   |   |   |           |
|          | =-         | SAMPLE SAMPLE<br>MATRIX NUMBER | Water       | Г          | Water      | Γ          | Γ         | 1          | ,          | 1          | Γ          | Г              | Γ          | 1          | Γ             |           | Γ          | Γ          | Г                      | Γ           | Γ          | Π         |           | Г          | Г         | Wase       | Water (   |             | ) area     | W.E.      |           | ) ATT /A   |   |   |   |   |   |   |   | $\top$    |
|          |            | NUMBER                         | 9010C074    |            | 9010C074   | 9010C074   |           |            | 90100074   |            |            | 9010CD74       | 90100074   | 9010C074   | \$010C074     | 90100074  | 9010C074   | 9010C074   | 9010C074               | 9010C074    | 9010C074   | 90100074  |           | 9010C074   | 9010C074  | 9010C074   | 90100074  | \$4000106   | 90100004   |           | 9010C074  | \$010C074  |   |   |   |   |   |   |   |           |
| Γ        | NOL        | F 2                            |             |            |            | Ī          |           | ١          | T          | T          | Γ          | Γ              | Γ          |            |               |           | Ī          | Γ          | Γ                      |             | Γ          |           |           |            | Γ         |            |           |             |            |           |           |            |   |   |   |   |   |   |   |           |
| SAMPLE   | COLLHCTION | DATE TIME<br>MOWDDY 184:       | 10/25/90    | 10/25/90   | 10/25/90   | 10725/90   | 1075/00   | 10/25/90   | 00,500     | 10725/90   | 10/25/90   | 10/25/90       | 10/25/90   | 10/25/90   | 10/25/90      | 10/25/90  | 1025/90    | 1025/80    | 10/25/90               | 10/25/90    | 10/25/90   | 10/25/90  | 10/25/90  | 10/25/90   | 10/25/90  | 10/25/90   | 10/25/90  | 10/25/90    | 10/25/90   | 10/25/90  | 10/25/90  | 10/25/90   |   |   |   |   |   |   |   |           |
|          | PROJECT    | SAMPLE<br>NUMBER               | SW00373WC   | SW00373WC  | SW00373WC  | SW00373WC  | SW00171WC | SWOOTTIME  | SW0177WC   | SW00373WC  | SW00373WC  | SW00373WC      | SW00373WC  | SW00373WC  | SW00373WC     | SW00373WC | SW00171WC  | SW00373WC  | SW00373WC              | SW00373WC   | SW00373WC  | SW00373WC | SW00373WC | SW00373WC  | SW00373WC | SW00373WC  | SW00373WC | SW00373WC   | SW00373WC  | SW00373WC | SW00373WC | SW00373WC  |   |   |   |   |   |   |   |           |

| Γ.     | -                    | <b>K</b>       | Π                      |                        |            | Π                      |                        | $\neg$                 |             | П         | 1           | 7                     |            |                        |             |                        |                        |                        |            |                        | _                      | 1                      | 1          | 1                     | 7                      | П                      |            |                        | П                      | Γ          |                        | Г | Г | Г | T | T        | Т        | Г | Г | Т        | П |
|--------|----------------------|----------------|------------------------|------------------------|------------|------------------------|------------------------|------------------------|-------------|-----------|-------------|-----------------------|------------|------------------------|-------------|------------------------|------------------------|------------------------|------------|------------------------|------------------------|------------------------|------------|-----------------------|------------------------|------------------------|------------|------------------------|------------------------|------------|------------------------|---|---|---|---|----------|----------|---|---|----------|---|
| L      | 3 8                  | , E            |                        | Ω                      |            | _                      | Н                      |                        |             | Ц         |             | 4                     | Ц          | Ц                      | 2           | Н                      |                        | 2                      | $\dashv$   | 4                      | 4                      | Н                      | 4          |                       | 4                      |                        | 4          | _                      | L                      | L          | L                      | L | L | L | L | ┞-       | 1        | L | L | <u> </u> | H |
| 3      | 5 8                  | 3              |                        |                        |            |                        |                        |                        |             |           |             |                       |            |                        |             |                        |                        |                        |            |                        |                        |                        |            |                       |                        |                        |            |                        |                        |            |                        | L |   | L |   |          |          | L | L |          |   |
|        | ē                    | 4 RESULT       |                        |                        |            |                        |                        |                        |             |           |             |                       |            |                        |             |                        |                        |                        |            |                        |                        |                        |            |                       |                        |                        |            |                        |                        |            |                        |   |   |   |   |          |          |   |   |          |   |
| Г      |                      | *              |                        |                        |            |                        |                        |                        |             |           |             |                       |            |                        |             |                        |                        |                        |            |                        |                        |                        |            |                       |                        |                        |            |                        |                        |            |                        |   |   | L |   |          |          |   | L |          |   |
|        | PRACONS              | 7              | $\vdash$               | Н                      | Н          | H                      | -                      | $\dashv$               | $\dashv$    | Н         | $\dashv$    | $\dashv$              | Н          | Н                      | Н           | Н                      | -                      | Н                      | -          | $\dashv$               | ┪                      |                        | $\dashv$   | $\dashv$              | 4                      | $\dashv$               | -          | Н                      |                        | _          | •                      |   | H | - | - | -        | ├        | - | - | H        | - |
| L      |                      | -              |                        | 6                      |            |                        | 6                      | ٥                      |             |           |             |                       | 6          |                        | 1           |                        |                        | ó                      | ۰          |                        |                        |                        | Ξ          |                       |                        |                        |            | ٥                      | 6                      | 6          | 3                      |   |   |   |   |          |          |   |   |          |   |
|        | DISTRUMENT           | ריסאנו. אמ     | A 01                   | O.05                   |            | 0.02 ۷                 | 0.2 R                  | 0.1                    | Q           | A 8       | 2           | 0.02 v                | 10 14      | 3 ,                    | 20 14       | ۶ ۸                    | 0.1 v                  | 10 AA                  | 0.02 R     | 70                     | 0.02 v                 | 10 v                   | S 3A       | 7                     | 201                    | 10                     | > 1.0      | 10                     | ¥1 5                   | 10 14      | 4                      |   |   |   |   |          |          |   |   |          |   |
|        |                      | PARAMETER NAME |                        | Antimony               |            | Berium                 | Beryllium              |                        |             |           | (Tab        |                       |            | Iron                   |             |                        | Magnesium              | 56                     |            | kenum                  |                        | Potassium              | E          |                       |                        |                        | lium       |                        | dium                   | Zinc       | Phosphorus             |   |   |   |   |          |          |   |   |          |   |
|        | NOTE                 |                |                        |                        |            |                        |                        |                        |             |           |             |                       |            |                        |             |                        |                        |                        |            |                        |                        |                        |            |                       |                        |                        |            |                        |                        |            |                        |   |   |   |   |          |          |   |   |          |   |
|        | E 2                  | MEASU          | UGAL                   | UGAL                   | UOAL       | nav                    | UGAL                   | UGAL.                  | UG/L        | UC/L      | UCAL        | UGAL                  | UG/L       | non                    | UC/IL       | UQA.                   | UCAL.                  | UCAL                   | UGAL       | UGIL                   | UGAL                   | UC/U                   | UGA.       | UGA.                  | UGA.                   | UCA.                   | UQA.       | UGAL                   | UGAL                   | UGAL       | nar                    |   |   |   |   |          |          |   |   |          |   |
|        | 250                  |                |                        |                        |            |                        |                        |                        |             |           |             |                       |            |                        |             |                        |                        |                        |            |                        |                        |                        |            |                       |                        |                        |            |                        |                        |            |                        |   |   |   |   |          |          |   |   |          |   |
|        | S .                  | Ž.             |                        |                        | 5          | Г                      | U                      | n l                    |             | ú         | n           | U                     |            |                        | Г           |                        |                        |                        |            | n                      | n                      |                        | Þ          | D                     |                        |                        | 5          |                        |                        |            |                        |   |   |   |   |          |          |   | Π | П        | П |
|        | 2                    | RESULT BYEN    | 49.2                   | 29.4                   | 9.1        | 256                    |                        | -                      | 276000      |           |             |                       | 6.7        | 181                    | 08.0        | 283                    | 81900                  | 26.0                   | 0.14       |                        |                        | 49400                  |            |                       | 337000                 | 2280                   | 2.9        | 28.3                   | 14.3                   | 10.5       | 487                    |   |   |   |   |          |          |   |   |          |   |
|        |                      | ×              | 7429-90-5 4            | 7440-36-0 2            | 7440.38.2  |                        | 7440-41-7 0            | 1                      |             |           | 7440.47-3 4 |                       |            | 7439-89-6              | 7439.92.1 0 | 7439.93.2 2            | 7439-95-4 8            |                        | 7439-97-6  | 7439.98.7              |                        | 1 1                    | ı          | ı                     | i                      |                        | $\exists$  |                        | 7440-62.2              | 7440-66-6  | 7723-14-0              |   |   |   |   |          |          |   |   |          |   |
| -      |                      | <u>Σ</u>       | 742                    | 17                     | 1          | 1                      | 744                    | 744                    | 744         | 744       | 744         | 74.4                  | 74         | 743                    | 2           | 74.                    | 2                      | 743                    | 743        | 743                    | 744                    | 74.                    | ž          | 74.4                  | ž                      | 74.                    | 7          | ž                      | 1                      | 1          | 11.3                   |   |   | H |   |          |          |   | H | Н        | Н |
| 178    |                      | #CO            | SMETCLETAL             | SMETCLPTAL             | SMETCLITAL | SMETOLITAL             | SMETCLITAL             | SMETCLPTAL             | SARTCL PTAL | SARCTNOCL | SMETCLETAL  | SARTO PTA             | SMBTCLPTAL | SAUTOTA                | BARTO PTA   | SMETNOCLE              | SMITCLPTAL             | SMETGETA               | SMETCLPTAL | SMETNOCLA              | SMETCLPTAL             | SMETCLPTAL             | SMETCLETAL | SMETCLETAL            | SMETCLETA              | THUMBING               | SWITCLFTAL | SMETNOCLE              | SMETCLITAL             | SMETCLPTAL | SMETCLETAL             |   |   |   |   |          |          |   |   |          |   |
|        | RI ANK               | NUMBER         |                        |                        |            |                        |                        |                        |             |           |             |                       |            |                        |             |                        |                        |                        |            |                        |                        |                        |            |                       |                        |                        |            |                        |                        |            |                        |   |   |   |   |          |          |   |   |          |   |
| H      | 3                    | <u> </u>       | t                      | H                      | ┞          | -                      | H                      |                        |             | $\vdash$  | -           | -                     | -          | ╁                      | H           | t                      | $\vdash$               | $\vdash$               | -          | -                      |                        |                        |            |                       |                        |                        |            | Н                      |                        | -          | H                      |   |   | H | H | $\vdash$ | $\vdash$ | H | H | Н        | Н |
| K FOW! | ANALYSIS<br>DATE THE | M/DO/M         | 08/80                  | 06/42/                 | 06/12/     | 08/80                  | 08/45/                 | 08/90/                 | 08/80       | 848       | 08/46/      | 724/90                | 08/45/     | 08/90                  | 06/67/      | 124,90                 | 08/45/                 | 174/90                 | 06/87/     | 06/47/                 | 08/80                  | 124/90                 | 06/12/     | 06/10/                | 06/70                  | 0440                   | 06/90/     | 124.90                 | 024/90                 | 06/70/     | 08/46/                 |   |   |   | - | -        | -        | - |   |          |   |
| 13     | A STA                |                | TTCA 11/17/90 11/24/90 | TTCA 11/17/90 11/24/90 | 11/90 11   | TTCA 11/17/90 11/24/90 | TICA 11/17/90 11/24/90 | TTCA 11/77/90 11/24/90 | 11/80 11    | A7/90 12  | 11/80 11    | TCA 11/17/90 11/24/90 | 11/80 11   | TTCA 11/17/80 11/24/90 | 11/80 11    | TTCA 11/17/90 11/24/90 | TICA 11/17/90 11/24/90 | TTCA 11/17/90 11/24/90 | 11 06/12/  | TTCA 11/17/90 11/24/90 | ITCA 11/17/90 11/24/90 | TICA 11/17/90 11/24/90 | 11/90/11   | TCA 11/17/50 11/24/90 | TTCA 11/17/90 11/24/90 | TTCA 11/17/90 11/24/90 | 11/90 12   | TICA 11/17/90 11/24/90 | TICA 11/17/90 11/24/90 | 11/90/11   | TTCA 11/17/90 11/24/90 |   |   |   |   |          |          | - |   |          |   |
| Š      |                      | s z<br>S g     | <u>ء</u>               | 2                      | <u>ء</u>   | Į<br>Ž                 | 1<br>1<br>1            | 2                      | 15E         | 2         | 2           | 2                     | 2          | <u>ا</u>               | 2           | 2                      | 2                      | TCA E                  | 2          | A<br>T                 | 1<br>2<br>1            | TCA 12                 | ž          | TCA.                  | TCA 11                 | TTCA 11                | IICA 11    | IICA 11                | TTCA 11                | mcv 11     | TICA 11                |   |   |   |   |          |          |   |   |          |   |
|        | [V]                  | NUMBER         | C01037601H             | C01037601H             | C01037601H | COLOSTGOIH             | C01037601H             | COLOSTIGOIH            |             |           | CD1037601H  | C01037601H            |            |                        | C01037601H  | C01037601H             | C01037601H             | C01037601H             | C01037601H | C01037601H             | C01037601H             | C01037601H             | C01037601H | C01037601H            | C01037601H             | C01037601H             | C01037601H | C01037601H             | C01037601H             | C01037601H | C01037601H             |   |   |   |   |          |          |   |   |          |   |
|        |                      | MATRIX NUMBER  | Water                  | Γ                      | Γ          |                        | Π                      | Γ                      | Γ           | Г         | Г           | Wase                  | Γ          | Ī                      | Г           | Τ                      | Γ                      | Τ                      | Γ          | Π                      | Γ                      | Γ                      | Water      | Г                     | Water                  | Water (                | Water      | ) Jogo,                | ) Arena                | ) ATTE     | Water (                |   |   |   |   |          |          |   |   |          |   |
|        |                      | NUMBER         | 90100074               |                        |            |                        | 90100074               | 90100074               |             | 9010CU74  |             | 9010C074              |            | Γ                      | I           |                        |                        | Ţ                      |            |                        | 9010C074               |                        | 9010CM4    | 9010C074              |                        | 9010C074               | 9010C074   | 901000074              | 9010C074               | 9010C074   | 9010C074               |   |   |   |   |          |          |   |   |          |   |
| -      | Ž.                   | ij             |                        |                        |            |                        |                        |                        |             |           |             |                       |            |                        |             |                        |                        |                        |            |                        |                        |                        |            |                       |                        |                        |            |                        |                        |            |                        |   |   |   |   |          |          |   |   |          |   |
| SAMPLA | COLLECTION           | MANDOY HEE     | 10/24/90               | 10/24/90               | 10/24/90   | 10/24/90               | 10/24/90               | 10/24/90               | 10/24/00    | 10/24/90  | 10/24/90    | 10/24/90              | 10/24/90   | 10/24/90               | 100,460     | 10/24/90               | 10/24/00               | 10/24/20               | 10/24/90   | 10/24/90               | 1024/90                | 10/24/90               | 10/24/90   | 10/24/90              | 10/24/90               | 10/24/90               | 10/24/90   | 10/24/90               | 10/24/90               | 10/24/90   | 10/24/90               |   |   |   |   |          |          |   |   |          |   |
|        | PROJECT              | NUMBER         | SW00449WC              | SW00449WC              | SW00449WC  | SW00449WC              | SW00449WC              | SW00449WC              | SW00449WC   | SW00449WC | SW00449WC   | SW00449WC             | SW00449WC  | SW00449WC              | SWOODAOWC   | SW00449WC              | SW00449WC              | SW00449WC              | SW00449WC  | SW00449WC              | SW00449WC              | SW00449WC              | SW00449WC  | SW00449WC             | SW00449WC              | SW00449WC              | SW00449WC  | SW00449WC              | SW00449WC              | SW00449WC  | SW00449WC              |   |   |   |   |          |          |   |   |          |   |

P e e

| SAMMA             |             | -     |                                  | _        | SAMPLE SAM                          | H H       |        | 148                  |            | _                            | _     |       |          |   |  |              |       | _ | _        | 3 !        | -        |
|-------------------|-------------|-------|----------------------------------|----------|-------------------------------------|-----------|--------|----------------------|------------|------------------------------|-------|-------|----------|---|--|--------------|-------|---|----------|------------|----------|
| CONTRICTION       | NOL         |       | 148                              | à E      | ANA MIN                             | ANAL.YSIS | RLANK  |                      |            |                              | RSI.T |       | <u>-</u> | Ě |  | TANK CHARLES |       |   |          | Ė          | <b>3</b> |
| DATE TIME         | TIMES RATCH |       | SAMPLAL SAMPLA<br>MATRIDE NUMBER | 3 e      | DATE DATE TIM<br>MANDOY MONDOY 181: | TH TIMES  | SAMPLE | PANIG. RS<br>CODE ID | NUMBER     | ANALYTI QUIA<br>RESULT IIMER | INE C | 2 SIG | OF THOS  |   | PARAMETER NAME   | LIMIT VD     | I 2 3 | _ | 4 RESULT | MEASU FIRE | á É      |
|                   | 4           | 1     |                                  | 1        | 1                                   | 1         |        |                      |            | 0.52                         | 1     |       |          |   | 11.11  |              | F     | F | 1        | 1          | T        |
| 10/24/90          | 9010C074    | Water | C01037601H                       | ž        | 11/24/90                            | 8         |        | DMBTCL FTA.          | /429-90-5  | 67.7                         | 3     |       | J.C.     | 1 | - Communication  |              | -     | 7 | 1        | Ť          | T.       |
| 10/24/90          | \$010CD#    | VER   | C01037601H                       | TCA<br>L | 11/24/90                            | 06/s      |        | DMRTTAN              | 7440-36-0  | 37.0                         |       |       | COA.     | Ì | Antmony  |              | 1     | 7 |          | 1          | ,        |
| 10/24/90          | 9010C074    | Vace  | C01037601H                       | TCA.     | 11/13/90                            | 06/1      |        | DMRTCL PTA           | 7440-38-2  | 1.6                          | Ы     |       | NO/L     | 1 | Antenic  |              |       | 7 |          | 1          | ٦        |
| 100400            | 9010CU74    | Water | C01037601H                       | ž        | 11/24/90                            | 06/1      |        | DMBTCLPTA            | 7440-39-3  | 264                          |       |       | UGAL     | ٦ | Berium   | 0.02         |       | 7 | 1        | 1          | ٦        |
| 1004/80           |             | Water | C01037601H                       | Ę        | 11/24/90                            | 85        |        | DMETCLPTA            | 7440-41-7  | 09:0                         | 2     |       | UGAL     | _ | Beryllium  | 0.2          | 6     |   |          |            | ٦        |
| 2001              | I           | 7,00  | HIONOTORO                        | Ę        | 11/2                                | 8         |        | DMETCL.PTA.          | 7440-43-9  | 2.9                          | 2     |       | UOV      | Ť | Cadmium  | 0.1 R        | 6     |   |          |            |          |
| 2001              | T           |       | HIONOTOLICO                      | Ě        | 100                                 | 8         |        | DMSTGJTA.            | 7440-70-2  | 290000                       |       |       | UGA.     | Ť | Calcium  | 100          |       |   |          |            | П        |
| OCARON.           | T           |       | COLONYAGUH                       | 1        | 12/05/90                            | 8         |        | DMRTTNOCLA           | 7440-46-2  | 55.0                         | 5     |       | UGA.     | Ĭ | Costum   | 3 v          |       | H |          |            | П        |
|                   | T           |       | Diometrico.                      | Ě        | 110400                              | 8         |        | DMETTLETA            | 744047.3   | 4.0                          | 2     |       | UG/L     | Ť | Chromium   | A 5          |       |   |          |            | Γ        |
| T                 | T           | 4     | Control on the                   |          | 911                                 | 2 8       |        | DAGTO FTA            | 7440-48-4  | 4.0                          | 5     |       | UQA      | Ť | Cobalt   | 0.02         |       | F |          | T          | Γ        |
|                   |             |       | Con Garage                       |          | 1011                                | 9         |        | ATA CITORO           | 7440.50-8  | 3.0                          | 5     |       | UGK      | Ť | Copper   | 01           | •     | - |          |            | Γ        |
|                   |             | 4     | COLOSTOSIA                       | 5 1      | 2/7                                 |           |        | ATA LABORA           | 7439.89.6  | 9                            | =     |       | NOV.     |   | Iron   |              |       | F |          | Ī          | Γ        |
|                   |             |       | CO1037601H                       | 5        | 11/0                                | 2         |        |                      | 2430.00    | 0 40                         | =     |       | 2        |   | 70   |              | •     | - | T        |            | Τ        |
|                   |             |       | C01037601H                       | 2        | 2.5                                 | 04.       |        | DMITCL PTA.          | 1439.94    | 0.40                         | 3     |       | 3        | T | Loan   |              | +     | + | T        | T          | T        |
| SW00449WC 1024/90 | 9010C074    | Water | C01037601H                       | ŽĮ.      | 5                                   | 0\$       |        | DAGETNOCLE           | 74.39.93.2 | 967                          |       |       | 7        | T | TION OF THE PROPERTY OF THE PR |              | 1     | 7 | 1        | 1          | T        |
|                   | 9010C074    | West. | C01037601H                       | TCA.     | 11/2                                | 06/3      |        | DMBTC FTA.           | 7439-95-4  | 82800                        |       |       | NOV      |   | Magnesium  | ١            | -     | 7 |          | 1          | T        |
|                   | 90100074    | *     | C01037601H                       | Ž        | 11,5                                | 06/1      |        | DMBTGLPTA.           | 7439-96-5  | 8.0                          | 5     |       | DO/L     | 7 | Manganese  | 10           |       | 7 |          | 1          | ٦        |
|                   | \$010C074   | Weter | COLOSTGOLH                       | 121      | TTCA 11/27/90 11/28                 | 06/8      |        | DMBTCLPTA            | 7439.97.6  | 0.10                         | 5     |       | ZG.      |   | Mercury  |              | •     | 1 |          | 1          | T        |
| Γ                 | 9010CU14    | N. B. | C01037601H                       | Į.       | \$                                  | 8         |        | DMRTINOCLA           | 7439-98-7  | 13.0                         | n     |       | νογ      | _ | Molybdenum   | 201          |       | 7 |          |            | 1        |
| Γ                 |             | A     | C01037601H                       | AŽI.     | 11/24/90                            | 06/3      |        | DMRTCLPTA.           | 7440-02-0  | 12.0                         | 2     |       | UGA.     |   | Nickel   | > 20.0       |       | 7 |          | 1          | ٦        |
|                   | 9010Cm4     | Wast  | C01037601H                       | Ę        | \$1                                 | 06/3      |        | DMOTTCLFTA           | 7440-09-7  | 51600                        |       |       | NOV      | _ | Potassium  | 10 ^         |       | 7 |          | 1          | ٦        |
|                   |             | Week  | C01037601H                       | Ę        | 11/27/90                            | 7/90      |        | DMBTCLPTA            | 7782-49-2  | 5.4                          |       |       | UQAL     |   | Selenium   |              | 1     | 7 |          |            | 1        |
|                   | Ī           | Water | C01037601H                       | Ę        | SIL                                 | 964       |        | DMRTNOCLA            | 7440-21-3  | 7380                         |       |       | COAL     | _ | Silicon  | 10 V         |       | 7 |          |            | ٦        |
|                   | Ι           |       | C01037601H                       | ŽĮ.      | \$11                                | 85        |        | DARTICL PTA.         | 7440-224   | 4.4                          |       |       | UGAL     |   | Silver   | 25 v         |       | - |          |            |          |
|                   |             |       | C01037601H                       | Ę        | 11/24/90                            | 8         |        | DMBTCLPTA.           | 7440-23-5  |                              |       |       | no/L     | - | Sodium   | 10 ×         |       |   |          |            |          |
| Ī                 |             | *     | C01037601H                       | Ę        | 11/24/90                            | 984       |        | DMBHTNOCLE           | 7440-24-6  | 2400                         |       |       | nar      |   | Strontium  | 10 v         |       |   |          |            |          |
|                   | 9010CW4     | Water | C01037601H                       | ž        | 11/13/90                            | 3/30      |        | DMRTCLPTA.           | 7440-28-0  | 09:0                         | ם     |       | NO/L     |   | Thelliam   | 47 I.0       | 12 14 | 8 | 06.0     | UG/L       | _        |
|                   | 9010CU74    | Vess  | C01037601H                       | 2        | 11/24/90                            | 06/1      |        | DMBTNOCLA            | 7440-31-5  | 107                          |       |       | UQ/L     |   | Tio  | 2 01         |       | - |          |            | ٦        |
|                   | 9010CE74    | Water | C01037601H                       | 2        | 11/24/90                            | 06/3      |        | DMRTCL/FTAL.         | 7440-62.2  | 10.7                         |       |       | UQA.     |   | Venedim  | S A          | •     | - |          |            |          |
| SW00449WC 102A/90 | 9010C074    | Water | C01037601H                       | ష        | 11/24/90                            | 06/9      |        | DMETCLPTA.           | 7440-66-6  | 2.0                          | _     |       | UGAL     |   | Zinc   | 10           | •     | 7 |          |            |          |
| SW00449WC 1024/90 | 4010C074    | Water | C01037601H                       | Į.       | 11/24/90                            | 96/3      |        | DMBTCLPTA.           | 7723-14-0  | 790                          |       |       | UCAL     |   | Phosphorus   | 4            | 5 9   |   |          |            | 7        |
|                   |             |       |                                  | L        |                                     |           |        |                      |            |                              |       |       |          |   |  |              |       |   |          |            |          |
|                   |             |       |                                  |          | -                                   |           |        |                      |            |                              |       |       |          |   |  |              |       |   |          |            |          |
|                   |             |       |                                  | L        | -                                   |           |        |                      |            |                              |       |       |          |   |  |              |       |   |          |            | Γ        |
| -                 |             | -     |                                  |          | -                                   | -         |        |                      |            |                              |       |       |          | Γ |  |              | E     | F |          |            | Г        |
| -                 |             |       |                                  |          | -                                   |           |        |                      |            |                              |       |       |          |   |  |              |       |   |          |            | Γ        |
|                   |             |       |                                  |          | -                                   |           |        |                      |            |                              |       |       |          |   |  |              |       |   |          |            |          |
|                   |             |       |                                  |          |                                     |           |        |                      |            |                              |       |       |          |   |  |              |       |   |          |            |          |
|                   | -           |       |                                  |          |                                     |           |        |                      |            |                              |       |       |          |   |  |              |       | F |          |            | Γ        |
|                   |             |       |                                  | F        | -                                   | -         |        | -                    |            |                              |       |       |          |   |  |              |       | F |          | Ī          | Γ        |
|                   |             | 1     |                                  | 1        | -                                   | -         |        |                      |            |                              |       |       |          |   |  |              |       |   |          |            | ۱        |

|               | <            | K                              | 7                      | Т                     | ٦                     | ٦                     |           |           | Г         | Т                    | Т          | Т                      | 1            | T          | Т                      | T                     | Т                     | Т           | Т                     | 1                      | Т                      | ٦         | 7         | ٦                     |             | ٦                   |           | П                            | Г          | Г                      |                       |                                | Γ          | T  | Τ | T | T | T        | ٦        | ٦        | ٦        | П | ٦        |
|---------------|--------------|--------------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------|-----------|-----------|----------------------|------------|------------------------|--------------|------------|------------------------|-----------------------|-----------------------|-------------|-----------------------|------------------------|------------------------|-----------|-----------|-----------------------|-------------|---------------------|-----------|------------------------------|------------|------------------------|-----------------------|--------------------------------|------------|----|---|---|---|----------|----------|----------|----------|---|----------|
| 3             | 8            | FIRST                          | $\dashv$               | +                     | 4                     | $\dashv$              | _         | -         | l         | ╀╌                   | ╀          | ╀                      | +            | ╬          | 4                      | 4                     | +                     | +           | 믝                     | $\dashv$               | -                      | $\dashv$  | $\dashv$  | $\dashv$              | 2           | $\dashv$            |           | Н                            | 2          | 2                      |                       | -                              | ╁          | ╁╴ | ╁ | ╁ | + | +        | 1        | $\dashv$ | $\dashv$ | Н | $\dashv$ |
| 3 5           | 8            | MEASU                          |                        |                       |                       |                       |           |           |           | L                    |            |                        | $\downarrow$ |            |                        |                       |                       |             |                       |                        | _                      |           |           |                       |             |                     |           |                              | <u> </u>   | _                      |                       | L                              |            | L  | L | 1 | 1 | _        | _        |          |          | Ц |          |
|               | 3            | 4 RESULT                       |                        |                       |                       |                       |           |           |           |                      |            |                        |              |            |                        |                       |                       |             |                       |                        |                        |           |           |                       |             |                     |           |                              | L          |                        |                       |                                |            |    |   |   |   |          |          |          |          |   |          |
|               |              | _                              |                        | $\dashv$              |                       |                       | _         | -         | L         | ╀                    | ╀          | +                      | +            | +          | 4                      | +                     | +                     | 4           | 4                     | 4                      | 4                      | _         | -         | _                     | _           | Н                   | _         | -                            | -          | -                      | ┞                     | -                              | ╀          | ╀  | ╀ | + | + | +        | $\dashv$ | -        | $\dashv$ | Н | $\dashv$ |
|               | RHASONS      | ۲<br>۲                         | Н                      | 1                     |                       |                       | _         |           | L         | İ                    | 1          | 1                      | 1            | 1          | 1                      | 1                     | 1                     | 1           | 1                     |                        |                        |           |           |                       |             |                     |           |                              |            |                        |                       | ٥                              | L          | İ  | 1 | ‡ | 1 | 1        |          |          |          | 口 | 口        |
|               |              |                                |                        | $\exists$             |                       |                       | •         | ۰         | L         | 1                    | Į.         | +                      | -            | ۰<br>د     | 4                      | 4                     | +                     | +           | م<br>خ                | •                      | -                      |           | ^         | >                     | 7           | >                   | ^         | ,                            | 4          | 7 7                    | 4                     | 3 4                            | ╀          | +  | ╀ | + | + | $\dashv$ | $\dashv$ | -        | $\dashv$ | Н | $\dashv$ |
| INSTRUMENT    | DETECTION    | ע דואפרו                       | n 01                   | > 500                 | s v                   | v 20.0                | M 20      | 0.1       |           |                      |            |                        |              |            |                        |                       |                       | •           |                       | 0.02 R                 | 10                     | 0.02 v    | 10 •      | 3                     |             | 10                  |           | 1.0                          |            |                        |                       |                                |            |    |   |   |   |          |          |          |          |   |          |
|               |              | PARAMETER NAME                 | Aluminum               | Алітову               | Arsenic               | Berium                | Beryllium | Cadmium   |           |                      |            | Gin.                   |              | 2          |                        |                       |                       |             | 346                   | Mercury                | Molybdenum             | Nickel    | Potaesium | Selenium              | Silver      | Sodium              | Strontium | Thallium                     |            | Vanadium               |                       | Phosphorus                     |            |    |   |   |   |          |          |          |          |   |          |
| RETRIN        | Č            | MEASU TIME                     |                        |                       |                       |                       |           | L         |           | 1                    | 1          | $\downarrow$           | 4            | 1          |                        |                       | _                     | _           |                       |                        |                        | _         | _         | _                     |             | -                   | _         | L                            | L          | -                      | L                     | L                              | -          | -  | - | - | 1 | _        |          | Ц        |          | L | Ц        |
| L             | ĉ            |                                | UGAL.                  | UO/I                  | NO4                   | UGAL                  | NOV.      | UQ.       | ž         | 3 5                  |            | ne.                    | 3            | NOV.       | Z<br>N                 | UGA                   | UQ/L                  | UGW.        | NOV                   | NOV.                   | Q <b>√</b>             | UGA       | NOV       | UGA.                  | UGA         | UQA                 | NG/L      | DOM                          | UGA        | 202                    | NGV.                  | NG/L                           | -          | +  | 1 | 1 | 1 | -        | _        | Ц        |          |   | Н        |
|               | 250          |                                |                        |                       |                       |                       |           |           |           |                      |            |                        |              |            |                        |                       |                       |             |                       |                        |                        |           |           |                       |             |                     |           |                              |            |                        |                       |                                |            |    |   |   |   |          |          |          |          |   | Ш        |
| 1             | ž            | E E                            |                        | U                     | n                     |                       | Б         | =         | I         |                      |            | 5                      | _            |            |                        |                       |                       |             |                       |                        | 2                      |           | L         | L                     | L           | L                   | L         | 10                           |            | $\perp$                |                       | L                              | 1          | 1  |   | 1 | 1 | _        |          |          |          |   | Ц        |
|               | AUG ETV IAVA | RESULT                         | 68.6                   | 26.0                  | 9.1                   | 158                   | 090       | 20        | 340000    | 330                  | 36         | 4.0                    | 0.4          | 12.7       | 45.2                   | 2.2                   | 328                   | 90300       | 1.3                   | 91.0                   | 13.0                   | 17.1      | 53600     | 7.3                   | 9'9         | 387000              | 2700      | 2.9                          | 214        | 14.5                   | 72.9                  | 555                            |            |    |   |   |   |          |          |          |          |   |          |
|               | 375          | ~                              | 7429 90.5              | 7440.36.0             | 7440-38-2             | Τ                     | 7440-41-7 | 1         | 1         | 70/107               | 7          | 7                      | - 1          | -7         | П                      | - 1                   | 7439-93-2             |             | 7439-96-5             | 7439.97.6              | 7439.98.7              | 7440.02.0 | 1         | 7782-49-2             |             | 1                   | 7440-24-6 | 7440-28-0                    | 7440.31.5  | 7440 62.7              | 7440-66-6             | 7773.14.0                      | 2          |    |   |   |   |          |          |          |          |   |          |
| _             | š            | 2 8                            | L                      |                       | 7                     | ١.                    |           | I         | I         | 1                    | 1          | П                      |              |            |                        |                       |                       |             | L.                    |                        | Г                      | Τ.        | Τ.        | ١.                    |             | Τ.                  | L         | I                            | T          | I                      | I                     | Ι                              | 1          | 1  | ‡ | 1 |   |          |          |          |          |   |          |
| IAB           |              | CODE                           | SMETCLETA              | MENTET JPTA           | SMETGLTTA             | SMETCLETA             | SATE DITA | 41,000    | awa a     | SMETCLATA            | DOGLA      | SMETCLATA              | SMETCLFTA    | SMITCLETA  | SMETCL PTA             | SMETCL FTA            | SMETNOCL              | SMITTER     | METCLETA              | SMETGLPTA              | SMETNOCLP              | SMETCLETA | SMPTG PTA | METCHA                | SMPT OF PTA | SMETCLPTA           | DONLING   | ATA LYCHAY                   | A LANGAGE  | and the Pro-           | ATT DITAM             | PTA DIAMA                      | america.   |    |   |   |   |          | _        |          |          | _ |          |
|               | BLAMA        | NUMBER                         |                        |                       |                       |                       |           |           |           |                      |            |                        |              |            |                        |                       |                       |             |                       |                        |                        |           |           |                       |             |                     |           |                              |            |                        |                       |                                |            |    |   |   |   |          |          |          |          |   |          |
| ١,            | 2            | Ž I                            |                        | İ                     |                       | İ                     |           | 1         | 1         |                      |            |                        |              |            |                        |                       |                       |             |                       |                        |                        | I         |           |                       |             |                     | I         |                              |            | 1                      | I                     | 1                              |            |    | 1 |   |   |          |          |          |          | L |          |
| SAMPLE SAMPLE | ANALYSIS     | MAKOOY MAKOOY 1845             | TICA 11/17/80 11/24/90 | TCA 11/17/90 11/24/90 | TTCA 11/17/80 11/7/80 | TCA 11/17/90 11/24/90 | 100,000   | 2         | 11/9/2    | TCA 11/7/90 11/24/90 | 12/04/90   | ITCA 11/17/90 11/24/90 | 11/24/90     | 11/24/90   | TTCA 11/17/90 11/24/90 | TCA 11/17/90 11/29/90 | TCA 11/17/90 11/24/90 | 11/24/90    | TCA 11/17/90 11/24/90 | TICA 11,07,00 11,08,00 | TICA 11/17/80 11/24/90 | 174.00    | 00/10/11  | DOLLA 1107.00 1177.00 | 2           | TCA 1107.80 1104.80 |           | 11/1/20 11/20 11/20 11/20/30 |            | 11CA 11/11/90 11/24/90 | TCA 11/17/00 11/24/80 | Carried Control of the Control | 11/00/20   |    | 1 | _ |   |          | _        |          | _        | L |          |
| AMP.          | æ.           | MATR<br>MANDO                  | 1/17/80                | 06/17/1               | 1/17/80               | 06/21/1               | 1         |           | 2         | 2/2                  | 06/11/1    | 1,77,90                | 11/17/90     | 11/17/90   | 11/17/90               | 11/17/90              | 11/17/90              | 11/17/90    | 11/17/00              | 11,077,00              | 11/1/80                | 92.01     | 200       | 0.10                  |             | 200                 |           | 6,1/1                        |            | 2/1/17                 | ξ, ,                  |                                | 11/1/2     |    |   |   |   |          |          |          |          |   |          |
|               |              | EAB DATE                       | Ž                      | Ę                     | Ž                     | Ş                     |           | 1         | 2         | ş                    | ş          | ž                      | ş            | 2          | Ş                      | ş                     | Ę                     | Ş           | Ž                     | Ž                      | 2                      |           |           |                       | į           | 1                   | 1         | ١                            | 5          | 5                      |                       |                                | 2          |    |   |   |   |          |          |          |          |   |          |
|               |              |                                | 200000000              |                       |                       |                       |           |           |           |                      | C01037402H | C01037402H             | C01037402H   | C01037402H |                        | C01037402H            |                       |             |                       | CONTROL                | COLOROGON              |           |           |                       |             | Colustions          |           | C01037402H                   | C010374041 | C0103/402H             | C0103/4021            | C01037-0463                    | C01037402H |    |   |   |   |          |          |          |          |   |          |
| -             | _            | SAMPLE SAMPLE<br>MATRIX NUMBER | 1                      | Τ                     | Т                     | Т                     | Т         | Т         | П         | ╗                    | West       | Wester C               | Г            | Γ          | 1                      | Γ                     | Γ                     | Т           | Τ                     | Τ                      | Τ                      | Т         | Т         | Т                     | T           | Т                   | T         | T                            | T          | T                      | T                     | 1                              | Weder      |    |   |   |   | Γ        |          |          |          |   |          |
|               |              | NUMBER N                       | ,                      |                       | I                     | . .                   |           | l         |           |                      | 9010C074   | 90100074               | 9010CO74     | 9010CV74   |                        |                       |                       |             |                       |                        |                        |           |           |                       |             | 9010CU/4            |           | 1                            |            |                        | T                     |                                | 90100074   |    |   |   |   |          |          |          |          |   |          |
|               | Ž            | Ĕ                              | Ĭ                      | I                     | I                     | I                     |           |           |           |                      |            |                        | Γ            | Γ          | Γ                      |                       |                       | I           |                       |                        |                        |           |           |                       |             |                     |           |                              |            |                        |                       |                                |            | 1  |   |   |   |          |          | L        | 1        | 1 | L        |
| SAMPLA        | COLLECTION   | DATE TIME                      | 1                      |                       |                       | 200                   | 10.00     | 888       | 10/24/90  | 10/24/90             | 10/24/90   | 10/24/90               | 10/24/90     | 10724/90   | 10/24/90               | 10/24/90              | 1004/00               | 100,00      | 2000                  | 2 2                    | 200                    | 10/24/20  | 06/201    | 10/24/90              | 10/26/20    | 10/24/90            | 10/36/30  | 10/24/90                     | 10/34/30   | 0000                   | 10/34/00              | 10/20/20                       | 10/24/30   |    |   | _ | _ | -        | -        | -        |          | 1 |          |
|               | PROJECT      | SAMPLE                         | Chicaroonic            | SWOODS                | SHOOT ONLY            | SWOOSOWC              | SWIKESOWL | SW00450WC | SW00450WC | SW00450WC            | SWOOMSOWC  | SW00450WC              | SWOOMSOWC    | SWOOMSOWC  | SWOOMSOWC              | SWOODSOWC             | SWOOMSOWC             | CHOOM SOUNC | SWOODS                | 3400-3040              | SWOODS                 | SWOODSOWC | SW00450WC | SWUOASOWC             | SWOOMSOMC   | SW004S0WC           | SWUMSOWC  | SW00450WC                    | SW004S0WC  | SW00450WC              | SW00450WC             | SWOODSOWC                      | SW00450WC  |    |   |   |   |          |          |          |          |   |          |

|               | ş           | Ĭ                                      | П           |             |           |            |            | Γ          | T          | T          | T          | T          | T            | T                 | T          | 7          | 1           | ٦            |            |  |            | T          | Τ          | I          | T             | T                 | T          | T          | T          | T          | T          | T          | T          | 1          | 1         |              |              |          |       | Γ | Γ         | Γ         | $\prod$ |
|---------------|-------------|--|-------------|-------------|-----------|------------|------------|------------|------------|------------|------------|------------|--------------|-------------------|------------|------------|-------------|--------------|------------|--|------------|------------|------------|------------|---------------|-------------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|--------------|--------------|----------|-------|---|-----------|-----------|---------|
| 3 5           |             | 3                                      | П           | 1           | -         |            |            | 1          | †          | †          | t          | †          | 1            | †                 | 1          | 1          | 1           |              |            |  | Γ          | T          | T          | T          | T             | T                 | 1          | Ţ          | 1          | T          | 1          | 1          | T          | 1          | 1         |              |              |          | Γ     |   |           | Γ         | П       |
| 3 5           | 8           |  | Н           | -           |           | -          | _          | ╀          | ╀          | ╁          | ╀          | ╀          | +            | +                 | +          | $\dashv$   | -           |              | -          | H  | ┞          | ╁          | ╁          | +          | +             | $\dagger$         | +          | +          | +          | +          | +          | $\dagger$  | +          | +          | -         | -            | Н            | ┝        | +     | - | $\vdash$  | +         | +       |
|               | 70          | 4 RESULT                               |             |             |           |            |            |            |            |            | ١          | ١          |              |                   |            | ١          |             |              |            |  |            |            |            |            |               |                   |            |            |            |            | ١          | ١          |            |            |           |              |              |          |       |   |           |           |         |
|               |             | 4                                      |             |             | _         |            |            | t          | 1          | 1          | 1          | 1          | 1            | 1                 | 1          | 1          |             |              |            |  | L          | 1          | ‡          | ļ          | ‡             | ‡                 | 1          | 1          | 1          | 1          | 1          | 1          | 7          | 1          | 4         |              |              |          | F     | - |           | F         | $\Box$  |
|               | RRASONS     | 2 3                                    | Н           | _           |           | H          | -          | +          | ╁          | +          | +          | +          | +            | +                 | +          |            | -           |              | -          | -  | $\vdash$   | $\pm$      | t          | $\dagger$  | $\pm$         | $\pm$             | $\pm$      | 1          | $\pm$      | $\pm$      | 1          | 1          | -          | •          | ╛         |              |              |          | L     |   |           | İ         |         |
|               | _           | Δ                                      |             |             | Ľ.        |            | ۰          | ╁          | +          | 1          | 1          | 7          | +            | 1                 | 7          | 7          | 4           | _            | F          | •  | L          | I          | Ŧ          | +          | ٥<br>۲        | 1                 | $\perp$    | 1          | ,          | Z :        | -          | +          | -          | <u>~</u>   | -         | _            |              | $\vdash$ | -     | ╀ | $\vdash$  | ╀         | +       |
| TANK DANK     | DETHICITION | LDAGT.                                 | N 01        | 0.05 ×      | >         | 0.02       | 7          |            |            | )<br>B     | ١          |            | 0.02         |                   | >          | ٩          | y v         | >            | 2          | 207  |            |            | 200        | ١          | 1             | O,                |            | 200        |            |            |            |            | 2          | 7          |           |              |              |          |       |   |           |           |         |
|               | • •         | PARAMETER NAME                         | Aluminum    | Antimony    | Arrenic   |            | E          |            | -          |            |            | na.        |              | 4                 |            |            | Lithium     | Magnesium    |            |  | wite.      |            | Nickel     |            | 8             |                   |            |            | 1          | lium       |            | dum        |            | Phoephorue |           |              |              |          |       |   |           |           |         |
| -             | 200         |  | <           | <u>&lt;</u> | ^         | Ē          | -          |            | 1          | 1          |            |            |              |                   |            | 1          | =           | É            |            |  | 1          |            |            |            |               |                   |            |            |            |            |            |            |            |            |           |              |              |          |       |   |           | I         |         |
|               |             | MELASU TUMB                            | UOA         | 7/50        | J.G.L.    | NGV.       | Š          |            | 3          | UQ/L       | Š          | Zg<br>Zg   | UQ.          | η <mark>ς.</mark> | UQA.       | UQV        | nov         | UGAL         | 1100       | 10,1   | 2          | 300        | UGA        | OC.        | UGA           | NGA.              | UGAL       | NG/L       | NOV        | UQ/L       | UGAL       | UO/L       | UQV.       | UCA        |           | L            |              |          |       |   |           | 1         | _       |
|               | 5           | HUROR                                  |             |             |           |            |            |            |            |            |            |            |              |                   |            |            |             |              |            |  |            |            |            |            |               |                   |            | -          |            |            |            |            |            |            |           |              |              |          |       |   |           |           |         |
|               |             | 3                                      | ,<br>,      | 5           | 5         | t          | E          | , :        | ,          |            | 5          | 5          | _            | 5                 | _          | n          | Γ           | Γ            | <b> </b> = |  | ,          | 5          | 5          |            |               |                   |            |            |            | Б          |            |            | _          |            |           |              |              | L        |       |   |           | I         |         |
|               |             | KUSULT IFTUR                           | 27.0        |             | 16        | T          | Ī          | 1          | 7          | 8          |            |            |              |                   | 3.0        | 0.40       | 358         | 97400        | 80         | 910  |            | 0.51       | 12.0       | 08100      | 11.6          | 0619              | 5.3        | 419000     | 2930       | 0.90       | 107        | 12.9       | 2.0        | 169        |           |              |              |          |       |   |           |           |         |
|               |             | NUMBER                                 | 7429.90-5 2 | Т           | 1440.18.7 | Т          | T          | 1          | П          |            | 7          |            | - 1          |                   | 7439-89-6  | _          | 7439.93-2 3 |              | 1          | Т  | Т          |            | - 1        | - 1        | 1             |                   |            |            | 7440-24-6  |            | _1         |            | 1          | 7723-14-0  |           |              |              | Ī        |       |   |           | T         |         |
| -             |             | e a                                    | 12          | 1           | 777       | 12         |            | 1          | ٦          |            | 7          | 7          | 1            | 7                 | 743        | 74.        | 5           | 12           | 1          |  |            | ٦          |            |            | Ē.            | 7,                | 74         | ,          |            |            | 7          |            |            | ,          |           |              |              | $\perp$  | $\pm$ | t | +         | $\pm$     | 士       |
| TAN           |             | PANEL                                  | THEORY PICK | DATE PLA    |           | 1          |            | DMBTCL/TA  | DARRICATIA | DMBTG PTA  | DAGITHOCLA | DMETCLFTA  | DMOTTCLFTA   | DMBTTCLFTA        | ATALDTOWN. | DAGETCLETA | DOWDOOD     | A TOTAL PATA |            | The state of the s | DMETCLITA  | DAGTNOCL   | DMBTCL PTA | DMBTCL PTA | DARTICL PTA   | <b>LEONITHOOD</b> | DMETCLPTA  | DMETCLPTA  | DMBTNOCLF  | DMRTCLPTA  | DMBTNOCL   | DMITCLETA  | DARRECLETA | DMRTCLPTA  |           |              |              |          |       |   |           | 1         | 1       |
|               | BLANK       | SAMPLE                                 |             |             |           |            |            |            |            |            |            |            |              |                   |            |            |             |              |            |  |            |            |            |            |               |                   |            |            |            |            |            |            |            |            |           |              |              |          |       |   |           |           |         |
| +             | <u> </u>    | ž                                      | +           | $\dagger$   | t         | $\dagger$  | †          | 1          | -          |            |            |            |              | r                 | T          | T          | t           | T            | †          | 1  | 1          |            |            |            |               |                   |            |            |            |            |            |            |            |            |           |              |              |          |       |   |           | 1         |         |
| APL B         | ANALYSIS    | <u> </u>                               | 1           | 1           |           | 11/13/20   | ξ          | 8          | 24/30      | 8          | 8          | 11/24/90   | 80,38        | 8/30              | 8/30       | 8          | 8           |              | 2          | 84.8   | 8/8        | 24/30      | 24/30      | 24/30      | 04/2          | 06/40             | 04/30      | 11/24/90   | 08/80      | 11/13/90   | 11/24/90   | 11/24/90   | 11/24/90   | 11/24/90   |           |              |              |          |       |   |           |           |         |
| SAMPLE SAMPLE | ₹           | DATH DATH TIME<br>MEM/DD/ MOM/DD/ 184: | +           | 1           |           |            |            | =          | 11/        | =          | 3          | 12         | ≘            | =                 | 13         | 1          | 1           |              | =          | =  | <u>=</u>   | =          | =          | =          | TICA 11/27/90 | Ē                 | E          | E          | =          | Ξ          | Ξ          | Ξ          | Ξ          | E          | +         | +            | $\dagger$    | +        | +     | + | $\dagger$ | $\dagger$ | +       |
| SAMP          | 9           | LAB DATH<br>ID MM/DD/                  |             |             |           |            |            |            |            | L          |            |            | L            |                   | L          |            |             |              |            |  | 17.7       | Ļ          |            | L          | Ļ             | L                 |            | Ļ          | Ļ          | Ļ          | Ļ          | ,          | Ļ          | Ļ          |           | $\downarrow$ | $\downarrow$ | 1        | 1     | 1 | 1         | 4         | 4       |
|               |             | <u>3</u> a                             | 1           |             | 1         | É          | Š          | Ę          | пCA        | Ę          | Ą          | Ę          | Ę            | 5                 | 5          | Ē          |             | 2            | 2          | 티  | 5          | 5          | 5          | 5          | IB            | 5                 | 15         | Ş          | 15         | Ę          | ş          | Ę          | 7          | Ę          | 4         | +            | +            | +        | +     | + | +         | +         | +       |
|               | 178         | KUMBER                                 |             | C0103/4021  | 010374024 | C01037402I | C01037402J | C01037402I | C010374021 | C010374021 | C010874021 | C010374021 | C010374021   | C010174021        | C010374021 | Conmittee  | 2010        | COI U3 /402  | C010374021 | C01037402I   | C01037402I | C01037402I | C010574021 | C010374021 | C01037402J    | C010374021        | C010374021 | C01037402I | CD10374021 | C010374021 | C010374021 | C01037402J | C010374021 | C01037402I |           |              |              |          |       |   |           |           |         |
| <b> </b>      |             | SAMPLE SAMPLE<br>MATRIX NUMBER         | Т           | Т           | Т         | П          |            | Wester     |            | Γ          | ,          | Τ          | Г            | Т                 | Т          | T          | Т           | T            | ٦          | Water  | W adar     | Г          | Γ          | Г          | Τ             | Ī                 | Τ          | Τ          | 1          | 1          | Г          | Т          | Т          | Γ          | Τ         |              |              |          |       |   |           |           |         |
|               |             | RATCH<br>HUMBHR                        |             |             |           |            |            | 90100074   | 9010C074   | Γ          | 9010C074   |            |              |                   | I          | 1          |             |              |            | 9010C074   |            | 90100004   | Γ          | 9010C074   |               |                   |            |            |            |            | L          |            |            |            |           |              |              |          |       |   |           |           |         |
| 2 1           | COLLECTION  | DATH TIME<br>MONODOY HER:              |             |             |           | 8          | 8          | 8          | 8          |            |            |            | 8            | 2 8               | 3 8        | <u> </u>   | ę.          | 8            | 8          | 06/  | 8          | 8          | 8          | 8          | 2 2           | 2 8               | 2 2        | 3 8        | 8 8        | 9          | 8          | 83         | 8          | 2000       | 26        |              | +            | -        | +     | + | +         | -         | +       |
| CAMPLE        | 00          | DATE                                   | -           | 1024/90     | 10/24/90  | 10/24/90   | 10/24/90   | 10/24/90   | 10/24/90   | 1004.60    | 1004.000   | 1004/40    | 1004.80      | 2 2               | 2000       | 3          | 10/24/90    | 10/24/90     | 10/24/90   | 10/24/90   | 10/24/90   | 1024/80    | 10/24/90   | 100400     | 100400        |                   | DCAND!     | 2000       | 2000       | 100400     | 1004.80    | 10/34/90   | 1004.00    |            | 2         | +            | +            | 1        | +     | + | +         | 1         | +       |
|               |             | SAMPLE                                 |             | SW00450WC   | SW00450WC | SW00450WC  | SW00450WC  | SW00450WC  | SW00450WC  | CWOOMSOWC  | Janos roma | OWO KOOMS  | CWOON SOUNCE | 01100450117       | SWOOMSONC  | SWUMSOWL   | SWOODSOWC   | SW00450WC    | SW00450WC  | SW00450WC  | SWOOMSOWC  | CWONSOWP   | SWOOTSOWC  | OWO SOUNS  | SWOODS        | O HOSTONIE        | SWUGASOWC  | 5W00450WC  | SWOOTS     | SWOODSOWC  | JAMOS ROMS | SWOM SOW   | SWOOM SOW! | CWOOMS     | SW(CHO)WC |              |              |          |       |   |           |           |         |

|               | -             | < %                                 | Т                     | Т                      | Т                      | Т            | Т                      | Т                      | 1          | T                      | Т          | Т           | Т                     | 7           | Т          | Т                     | Т           | ٦           | Т          | 1           | 7                     | Т          | ٦          | Т          | 7           | Т                     | Т                      | Т                      | Т                      | Т                      | T                      | T             | T | Т | Т        |              |          | П        | П        | П        | П        | ٦        |
|---------------|---------------|-------------------------------------|-----------------------|------------------------|------------------------|--------------|------------------------|------------------------|------------|------------------------|------------|-------------|-----------------------|-------------|------------|-----------------------|-------------|-------------|------------|-------------|-----------------------|------------|------------|------------|-------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|---------------|---|---|----------|--------------|----------|----------|----------|----------|----------|----------|
| نـــا         | 5             | 8 6                                 | +                     | +                      | +                      | +            | +                      | +                      | 4          | +                      | +          | +           | -                     | 4           | +          | 믝                     | 4           | 4           | -          | -           | $\dashv$              | +          | +          | ╬          | 믝           | +                     | -1                     | 긤                      | +                      | +                      | +                      | +             | + | + | $\dashv$ | $\dashv$     | Н        | Н        | Н        | Н        | -        | $\dashv$ |
| 3             |               | MELASU PER                          |                       |                        |                        |              |                        |                        |            |                        |            | ١           |                       |             |            |                       |             |             |            |             |                       |            |            |            |             |                       |                        | 5                      |                        |                        |                        |               |   |   |          |              |          |          |          |          |          |          |
| <b>-</b>      | _             |                                     | †                     | 1                      | †                      | †            | 1                      | 1                      | 1          | 1                      | 1          | 7           | 1                     | 1           | 1          | 1                     | 7           | 1           | 1          | ٦           | 1                     | 1          | 7          |            | 1           |                       | 1                      | T                      | T                      | T                      | T                      | T             | T | T | 1        |              |          | П        |          | П        |          | 7        |
|               |               | * RESULT                            |                       |                        | ١                      | 1            | ١                      |                        | ١          |                        |            | ļ           | -                     |             |            |                       |             |             |            |             |                       |            |            |            |             |                       |                        | 52                     |                        | 1                      |                        |               |   |   |          |              |          |          |          |          |          |          |
|               |               |                                     | 7                     | 1                      | 1                      | 7            | 1                      | 7                      | 1          | 7                      | 7          | 7           | 1                     | 4           | 4          | 7                     | 1           |             | 4          | $\dashv$    | 4                     | 4          | 4          | -          | 4           | 4                     |                        | 8                      | +                      | $\downarrow$           | +                      | +             | - | 4 | 4        | 4            |          |          | Ц        |          |          | $\dashv$ |
|               |               | MILASONS<br>1 2 3                   | ŀ                     | 1                      | +                      | $\dagger$    | 1                      | 1                      | 1          | 1                      | 1          | 1           | 1                     | 1           | 1          | 1                     | 1           |             |            |             |                       |            | 1          | 1          |             | 1                     | 1                      | 1                      | 1                      | 1                      | 1                      | 1             | 1 | 1 | ╛        |              |          |          |          | 口        |          | ╛        |
|               |               |                                     | $\bot$                | 1                      | 1                      | 1            | 1                      | $\dashv$               | -          | -                      | $\Box$     | 7           | -                     |             |            | 4                     | $\Box$      |             | 1,A S      | ٩           | -                     | >          |            | *          | <u>-</u>    | ,                     | <u> </u>               | <b>,</b>               | ,                      | ,                      | <del> </del>           | <u>م</u>      | + | 4 | 4        |              |          | H        | Н        | Н        | $\dashv$ | ┦        |
|               | 2             | ž Ž                                 | - 1                   |                        |                        | ^            | ۱'                     | 1                      | 1          |                        | 1          |             |                       | 1           |            | 7                     |             | ^           | -          | *           | 1                     |            | 1          |            |             |                       |                        |                        |                        |                        |                        | 1             |   |   |          |              |          |          |          |          |          |          |
|               | THENERAL      | LIMIT VD                            | 1,                    | 2                      | g                      | ١,           | 80                     | 7                      | 70         | 8                      | _          | ~           | 200                   | 2           | ٦          | a                     | ٦           | 5           | 2          | 8           | 2                     | 002        | 2          | ~          | ล           | 2                     | 2                      | 3                      | ۱ ا                    | <u>.</u>               | ۱ء                     |               |   | 1 | -        |              |          |          |          |          |          |          |
|               | <b></b>       | PARAMETER NAME                      |                       | 1                      | 94                     |              |                        |                        |            |                        |            | <b>a</b>    |                       | Copper      |            | Lead                  | Lithium     |             | 95         |             | coum                  | Nickel     | -          | E I        |             |                       |                        | liven                  |                        | dium                   | Zinc                   | Photophorus   |   |   |          |              |          |          |          |          |          |          |
|               | RICTER        |                                     |                       | 1                      | 1                      |              | 1                      | 1                      | Ĭ          | Ĭ                      | ٦          | Ĭ           | Ĭ                     | Ĭ           | -          | _                     | _           | 1           |            | _           |                       |            |            |            |             |                       |                        |                        |                        |                        |                        |               |   |   |          |              |          |          |          |          |          |          |
|               |               | OF THOM                             |                       | UG/L                   | UG/L                   | ZG/L         | UGA.                   | UGA.                   | UO/L       | Zg.                    | UG/L       | UGL         | UQ/L                  | UGAL        | UOAL       | UCAL                  | UGAL        | nov.        | nar        | na/r        | UG/L                  | UGAL       | UGAL       | UGA.       | UGA.        | UGAL                  | UGA.                   | UGA.                   | UG/L                   | UGA.                   | NG.                    | nak           |   |   |          |              |          |          |          |          |          |          |
|               | _             | 2 SIG                               |                       |                        |                        |              |                        |                        |            |                        |            |             |                       |             |            |                       |             |             |            |             |                       |            |            |            |             |                       |                        |                        |                        |                        |                        |               |   |   |          |              |          |          |          |          |          | _        |
| Γ             |               | ₹ <u>₹</u>                          |                       |                        |                        | 5            |                        | 5                      | þ          |                        | D          | n           | ū                     |             |            |                       | Ω           |             |            | Ω           | n                     |            |            |            |             |                       |                        |                        |                        |                        | 1                      | 1             |   |   |          |              |          |          |          |          |          |          |
|               |               | ANALYTT QUA                         |                       | 65.1                   | 26.0                   | 1.6          | 130                    | 0.60                   | 2.9        | NS00                   | 200        | 4.0         | 4.0                   | 5.5         | 118        | 3.1                   | 26.0        | 20700       | 655        | 0.14        | 13.0                  | 12.0       | 2450       | 1.9        | 4.4         | 41700                 | 203                    | 1.3                    | 21.1                   | æ                      | 39.7                   | 310           |   |   |          |              |          |          |          |          |          |          |
| $\vdash$      |               |                                     |                       | - 1                    | - 1                    | _1           | _                      | - 1                    |            |                        |            |             |                       |             |            |                       | l i         | l           | Ī          | į.          |                       |            |            |            |             |                       | $\Box$                 |                        | 1                      |                        |                        | Т             | 1 | 1 |          |              |          | -        |          | П        |          |          |
| L             | _             | KS CAS<br>ID NUMBER                 | -                     | 7429.90.5              | 7440-36-0              | 7440-38-2    | 7440-39-3              | 7440-41-7              | 7440-43-9  | 7440-70-2              | 7440-46-2  | 7440-47-3   | 7440-48-4             | 7440-50-8   | 7439.89.6  | 7439.9                | 7439.93-2   | 7439-95-4   | 7439-96-5  | 7439.97.6   | 7439-98-7             | 7440-02-0  | 7440-09-7  | 77K2-49.2  | 7440-22-4   | 7440.23.5             | 7440-24-6              | 7440-28-0              | 7440-31-5              | 7440-62.2              | 7440.66-6              | 7723-14-0     | - | - | _        |              |          |          |          |          |          | -        |
| -             | _             |                                     | 1                     | SMETCLETAL             | SARTG PTA.             | SWRTCL PTAL  | SMITCLITAL             | SMETCLITAL             | SMETCLFTAL | SMINCLITAL             | SMETNOCLE  | SMETCL PTAL | SMETCLETAL            | SMETCH PTAL | SMITCHTAL  | SMITCLITA             | SMETNOCLA   | SMRTCL PTAL | SMRTCLPTAL | SMETCL PTAL | SMETNOCLE             | SMETCLETAL | SMETCLATAL | SMETCLETAL | SMETCL PTAL | SMIDCL PTA            | METNOCLU               | SMETCLETAL             | SMETNOCLE              | SMETGLETAL             | SMETCLFTAL             | SMETCH AL     |   |   |          |              |          |          |          |          |          |          |
| 178           | THST          | CODE                                | $\dashv$              | SME                    | SME                    | SIMUS        | SME                    | SME                    | SMR        | SMR                    | EME        | awe         | SIME                  | SMG         | SME        | SME                   | SMB         | SMR         | SMR        | SMR         | SME                   | SME        | W.         | SMB        | SMR         | N.                    | SME                    | SMCF                   | SPE                    | SME                    | SME                    | Ñ             | 1 |   |          |              | -        | $\vdash$ | -        | H        |          |          |
|               | BI ANK        | SAMPLA                              |                       |                        |                        |              |                        |                        |            |                        |            |             |                       |             |            |                       |             |             |            |             |                       |            |            |            |             |                       |                        |                        |                        |                        |                        |               |   |   |          |              |          |          |          |          |          |          |
|               | ž.            | HE TH                               |                       |                        |                        |              |                        |                        |            |                        |            |             |                       |             |            |                       |             |             |            | L           | L                     |            |            |            | L           | L                     | _                      | _                      |                        |                        |                        |               |   |   |          |              | L        |          | L        | L        |          | Ц        |
| SAMPLE SAMPLE | PRHP ANALYSIS | DATH DATH TIME<br>MONODY MONODY HEE |                       | TICA 11/17/90 11/24/90 | TTCA 11/17/90 11/24/90 | 06/12/1      | TICA 11/17/90 11/24/90 | FFCA 11/17/90 11/24/90 | 1/24/90    | FFCA 11/17/90 11/24/90 | 2/04/90    | 06/16/11    | TCA 11/17/90 11/24/90 | 1/24/90     | 1/24/90    | TCA 11/17/90 11/29/90 | 1724/90     | 11/24/90    | 1724/90    | 1728/90     | TCA 11/17/90 11/24/90 | 1724/90    | 11/24/90   | 11/27/90   | 11/24/90    | TCA 11/17/90 11/24/90 | TTCA 11/17/90 11/24/90 | ITCA 11/17/90 12/06/90 | TICA 11/17/90 11/24/90 | TICA 11/17/90 11/24/90 | ITCA 11/17/90 11/24/90 | 11/24/90      |   |   |          |              |          |          |          |          |          |          |
| E LI          | _             |                                     |                       | 06/                    | 1/90                   | 1/90         | 2/80                   | 8/2                    | 8          | 8                      | 2/8        | 8           | 06/                   | 17/90       | 7/90       | 8                     | 8/2         | 1,80        | 8/2        | 86/12       | 17/90                 | 8          | 1/80       | 08/21      | 8/2         | 06/1                  | 06/11                  | 08/11                  | 17/90                  | 06/11                  | 17/90                  | 06/1          |   |   |          |              | Γ        | Γ        | Γ        |          |          |          |
| 3             | ž             |                                     |                       | 7                      | /II                    | \ <u>\ \</u> | \ <u>\ \</u>           | <u>₹</u>               | 3          | <u> </u>               | 3          | 3           | <u> </u> ≧            | 13          | 3          | 13                    | K           | 3           | 1          | 1           | 1                     | =          | 13         | 3          | 3           | 3                     | 3                      | 3                      | ء<br>د                 | <u>=</u><br>ਨ          | <u>=</u>               | <u>=</u><br>ਨ | - | _ | H        | ├            | $\vdash$ | ╁        | $\vdash$ | $\vdash$ | $\vdash$ | Н        |
| F             |               | 3 0                                 | 4                     | Ę                      | E.                     | Ę            | Ę                      | Ę                      | E          | E                      | E          | E           | E                     | E           | E          | E                     | Ę           | E           | Įξ         | E           | Ĕ                     | E          | Ĕ          | Ĕ          | E           | Ĕ                     | E                      | E                      | E                      | u                      | Ė                      | Ē             |   |   | ┞        | -            | ┞        | ├        | $\vdash$ | $\vdash$ | $\vdash$ |          |
|               | [V]           | SAMPLE SAMILE<br>MATRIX NUMBER      |                       | C01037604G             | C01037604G             | C01037604G   | C01037604G             | C01037604G             | CD1037604C | C01037604G             | C01037604G | C01037604G  | C01037604G            | C01037604G  | CD1037604G | C01037604G            | C01037604G  | 0305000     | CHOSTROAC  | ONO ACTION  | C01037604G            | 0409260100 | C01037604O | C01037604G | C01037604Q  | C01037604G            | C01037604G             | C01037604G             | C01037604G             | C01037604G             | C01037604G             | C01037604G    |   |   |          |              |          |          |          |          |          |          |
|               |               | SAMPLH SAMILLE<br>MATRIX NUMBER     |                       | Water                  | Γ                      | Γ            | Γ                      | 1                      | 1          | 1                      | 1          | Γ           | Τ                     | Т           | Т          | T                     | T           | Т           | Т          | Τ           | Т                     | Т          | Τ          |            | Τ           | Water                 | Water                  | Water                  | Veter                  | Water                  | Water                  | Water         |   |   |          |              | L        |          |          |          |          |          |
|               |               | BATCH                               |                       | 9010C074               | 90100074               | 9010C074     | 90100074               |                        |            |                        |            | Ī           |                       |             |            |                       | 1           |             | Ī          | T           |                       |            |            | 1          |             | 1                     |                        | 9010C074               |                        | 90100074               | 90100074               | 90100074      |   |   |          |              |          |          |          |          |          |          |
| -             | N.O.          | MALE :                              |                       |                        |                        | L            |                        | Γ                      | L          | L                      |            | L           | L                     | Ţ           |            | L                     |             |             |            |             |                       |            |            |            |             |                       |                        | 1                      | -                      |                        | 6                      | 6             |   | _ |          | L            | 1        | 1        | L        | 1        | -        | _        |
| KAMAZ         | NORTH KY      | DATE TIME                           |                       | 10/25/90               | 10725/90               | 1075/90      | 10725/90               | 10/25/90               | 10/25/20   | 10/2/40                | 10/25/00   | 100,500     | 00,500                | 100         | 200        |                       | 100         | 200         | 200701     | C SCO       | 00000                 | ()(C)()    | 1075/001   | 10/25/90   | 100,500     | 08/5/01               | 1075/90                | 10/25/90               | 10/25/90               | 10/25/90               | 10/25/90               | 10725/90      | _ |   |          | $\downarrow$ | -        | -        | L        | 1        |          | _        |
|               | TOTAL         | SAMPLH                              | NO THE PARTY NAMED IN | SW00453WC              | SW00453WC              | SWOOMS3WC    | SW00453WC              | SW00453WC              | CWPOASTWC  | SWOOM STANCE           | CWONASAWC  | CWOMSTWC    | CWOOKSAWC             | OWESTON'S   | CWC240W2   | CWCACAUC              | Surge State | SWOOdsaw    | SWOOTS     | SWOODS OF   | SWCG-53WC             | SWOODS     | SWOODSTAN  | SWOOMSJWC  | CWOOMSTANC  | SWOOMSJANC            | SW00453WC              | SW00453WC              | SWOOAS3WC              | SW00453WC              | SW00453WC              | SW00453WC     |   |   |          |              |          |          |          |          |          |          |

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|          |          |               |             | 1          | SAMPLH SAMP   | MP 12      |        | HYI         |            |               |        |       |            |          |                 |            |       |          | 780      | F        | _  |
|----------|----------|---------------|-------------|------------|---------------|------------|--------|-------------|------------|---------------|--------|-------|------------|----------|-----------------|------------|-------|----------|----------|----------|----|
|          |          |               | 841         | Ē          | PRIO ANALYSIS | Y.         | R.ANK  | TSJIL       |            |               | KS1.7  |       | L          | NHE      |                 | DUSTREMENT |       |          | E NO     | 30       |    |
| BATON    |          | SAMPLE SAMPLE | SAMPLE      |            |               | DATE TIMES |        | PANHL RS    |            | ANALYTTI QUA  | 8      |       | ठे         | NOF      |                 | DETECTION  | z     | ટ્ર      |          |          | -  |
| MUMBER   |          | MATRIX NUMBER | NUMBER      | 2          | >             | ğ.         | NUMBER | E E E       |            | NUMBER RESULT | Z.     | BRROK | MBASU TIMB | <b>B</b> | PARAMETTER NAME | OV TIMES   | 1 2 3 | 4 RESULT |          | 2        | _  |
| 9010C074 | Ĺ        | 200           | C01037604H  | Ę          | 11/24/        | 8          |        | UMBTCL PTA. | 7429-90-5  | 27.0          | n      |       | UG/L       |          | Aluminum        | 10         |       |          | Н        | Н        | _  |
| 9010C074 | Ĺ        | Π             | C01037604H  | Ž          | 11/24/90      | 8          |        | DMCTCLFTA.  | 7440-36-0  | 26.0          | n.     |       | UGAL       |          | Antimony        | 0.05 v     |       |          |          |          | -, |
| 9010C074 |          |               | C01037604H  | TC.        | 11/13/90      | 8          |        | DMPTCLPTA.  | 7440-38-2  | 1.6           | D.     |       | UCA.       |          | Arrenic         | > <        |       | -        | -        | 4        | -  |
| 9010C074 |          |               | C01037604H  | NCA<br>L   | 11/24/90      | 8          |        | DMBTCLPTA.  | 7440-39-3  | 142           |        |       | UGAL       |          | Barium          | 0.02 v     |       |          | -        | $\dashv$ |    |
| 9010C074 |          | ) ###A        | C01037604H  | тсv        | 11/24/90      | 8          |        | DMETCL FTA. | 7440-41-7  | 0.60          | 5      |       | UGU        |          | Beryllium       | 0.2 v      |       | -        | -        | $\dashv$ | ۰, |
| 9010C074 |          | Wate          |             | AZE<br>TCA | 11/24/        | 8          |        | DMBTCLFTA.  | 7440-43-9  | 2.9           | )      |       | UGL        |          | Cadmium         | 0.1 v      |       |          | -        | 4        | ٠, |
| 9010C074 |          |               |             | ž          | 11/24/        | 96         |        | DMITCLFIA.  | 7440-70-2  | 00676         |        |       | NOV        |          | Calcium         | , 001      |       |          |          |          | -  |
| 9010C074 |          |               | C01037604H  | <u></u>    | 13/08/        | 8          |        | DARITHOCTA  | 7440-46-2  | 55.0          | n      |       | UQ/L       |          | Costum          | ۶<br>د     |       |          |          | -        |    |
| 9010C074 |          | Г             |             | Ę          | 11/24/90      | 8          |        | DMETCLFTAL  | 7440-47-3  | 4.0           | Ω      |       | UOVE       |          | Chromium        | 5 v        |       |          |          |          |    |
| 90100074 |          | 100           | C01037604H  | 2          | 11/24/        | 8          |        | DMRTCLFTA   | 7440-48-4  | 4.0           | n      |       | UQAL.      |          | Cobalt          | 0.02 v     |       |          |          |          | ٠, |
| 9010CO74 |          | Г             | C01037604H  | Ş          | 11/24/        | 8          |        | DMRTCL/TA.  | 7440-50-8  | 5.4           |        |       | UOAL       |          | Copper          | ١٥ م       |       |          | H        | Н        | ,  |
| 8        |          | Г             |             | ž          | 140/11        | 8          |        | DMPTCL.PTA  | 74 39 89 6 | 10.4          |        |       | UCAL.      |          | Iron            | 5 IA       | 7     |          |          | n        |    |
| š        | 9010C074 | Π             | C0103750481 | 175        | 11/03/        | 8          |        | DMRTC1.PTA. | 7439-92-1  | 0.40          | U      |       | UQA.       |          | Load            | 30 ^       |       |          |          | Н        | _  |
| ğ        | 90100074 | Water         | C01037604H  | ž          | 11/11         | 8          |        | DMITHOCLE   | 7439-93-2  | 26.0          | n      |       | UO/L       |          | Lithium         | 5 V        |       |          |          | _        | Α, |
| ğ        | 9010C074 | Γ             | C01037604H  | ş          | 11/24/90      | 8          |        | DMETET PIA. | 7439.95-4  | 22800         |        |       | UGA.       |          | Magnosium       | ٥.1 ٧      |       |          |          | _        | -  |
| ğ        | 9010C074 | Γ             | C01037604H  | Ž          | 11/24/        | 8          |        | DMBTCLPTA.  | 7439.96-5  | 710           |        |       | UGAL       |          | Mangabese       | 10 14      | 5     |          |          | 4        | -  |
| 8        | 9010C074 | 1             | C01037604H  | TICA 11    | /82/11 06/22/ | 8          |        | DMRTCLFTA   | 7439-97-6  | 01.0          | Ú      |       | UGAL       |          | Mercury         | 0.02 R     | 6     |          |          | Н        | _  |
| ğ        | 9010C074 | Г             | C01037604H  | ž          | TCA 11/24/90  | 8          |        | DMRTNOCLA   | 7439.98-7  | 13.0          | n      |       | UGAL       |          | Molybdenum      | 10 v       |       |          |          |          |    |
| 8        | 90100014 | Γ             |             | Ş          | 11/24/        | 8          |        | DMETCLPTA.  | 7440-02-0  | 12.0          | U      |       | NOV        |          | Nickel          | ٥.02 ٧     |       |          | Н        | Н        | _  |
| 8        | 9010C074 | Water         | C01037604H  | ş          | 11/24/90      | 8          |        | DMETCLPTA   | 7440-09-7  | 2650          |        |       | UGAL       | Ц        | Potassium       | 10 🔻       |       |          |          |          |    |
| 8        |          | Water         | C01037604H  | TCA.       | 11/27/90      | 8          |        | DMPTCL PTA. | 7782-49-2  | 1.4           |        |       | ng⁄r       |          | g               |            | 12    |          |          | -        | 7  |
| 8        | 9010C074 | Water         | C01037604H  | #ZF        | 11/24/        | 06         |        | DMETNOCLA   | 7440-21-3  | 6230          |        |       | UG/L       |          | Silicon         | 10 ^       |       | -        | 4        | $\dashv$ | _  |
| 8        | 9010C074 | Wester (      | C01037604H  | TCA        | 11/24/        | 8          |        | DMBTCLPTA.  | 7440-22-4  | 2.0           | 2      |       | UGAL       | $\int$   | Silver          | ν ×        |       |          | $\dashv$ | -        | -  |
| 8        |          | W maker       | C01037604Ff | ПСA        | 11/24/90      | 06         |        | DMPRCLPTA.  | 7440-23-5  | 46200         |        |       | UGA.       |          | Sodium          | 10 ^       |       |          | -        | -        | -7 |
| 8        | 9010C074 | Water         | C01037604H  | Ž          | 11/24         | 8          |        | DMETNOCLA   | 7440-24-6  | 569           |        |       | UGAL       |          | Strontium       | 10 v       |       | _        | _        | -        |    |
| 8        | 90100074 | - TO /A       | C01037604H  | Y2LI       | 11/13/90      | 8          |        | DMBTCLPTA.  | 7440-28-0  | 1.7           |        |       | UG/L       |          | Thallium        | 41 I.0     | 7     |          | _        | 리        |    |
| 8        | 9010C074 | Water         | C01037604H  | шСА        | 11/24/90      | 90         |        | DMRTNOCLF   | 7440-31-5  | 123           |        |       | UGAL       |          | 70              | 10 ^       |       |          |          | -        |    |
| ×        | 9010C074 | Water         | C01037604H  | Y2L        | 11/34/90      | <b>2</b> 6 |        | DMBTCLFTA.  | 7440-62.2  | 3.0           |        |       | UGAL       |          | Vanadium        | >          |       |          | -        | -        | _, |
| 8        | 9010C074 | Water         | C01037604H  | Ž          | 11/24/90      | 8          |        | DMETCL/TA.  | 7440-66-6  | 22            |        |       | UG/L       |          | Zinc            | 10 ^       |       |          | 4        | -        | _  |
| 8        | 9010€074 | ) PER         | C01037604H  | IICA       | 11/24/        | 06         |        | DMBTCLFTAL  | 7723-14-0  | \$09          |        |       | UG/L       |          | Phosphorus      | ٧į         | 3     |          |          | $\dashv$ | _  |
| L        |          |               |             |            |               |            |        |             |            |               |        |       |            |          |                 |            |       |          |          |          | _  |
| L        |          |               |             |            | _             | _          |        |             |            | _             |        |       |            |          |                 |            |       |          | L        | L        |    |
| L        |          |               |             | _          |               | -          |        |             |            |               |        |       |            |          |                 |            |       |          | -        | -        |    |
|          |          |               |             |            |               | _          |        |             |            |               |        |       |            |          |                 |            |       |          | _        |          | _  |
|          |          |               |             |            |               |            |        |             |            |               |        |       |            |          |                 |            |       |          |          | H        | -  |
|          |          |               |             |            |               |            |        |             |            |               |        |       |            |          |                 |            |       |          |          | L        | _  |
|          |          |               |             |            |               |            |        |             |            |               | $\Box$ |       |            |          |                 |            |       |          | _        | $\vdash$ |    |
| Ш        |          |               |             |            |               | Н          |        |             |            |               |        |       |            |          |                 |            |       |          |          | L        | Γ  |
|          |          |               |             |            |               | Ц          |        |             |            |               |        |       |            |          |                 |            |       | L        | L        | Ļ        | γ- |
| ĺ        |          |               |             |            |               |            |        |             |            |               |        |       | ļ          |          |                 |            |       |          | ١        |          |    |

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|               | 3           | <b>5 €</b>           | Т         | T                     | 7           | Т                      | 1                     |                       | П                    | _           | Γ            | Т           | Τ                     | T          | Т                      | Т          | ٦          | ٦                     |              | Π                     | Γ          | Γ          | Τ          | Τ            | Ţ          | T                      | 1          | T                      | T          | ٦                     | ٦                     | _]                    | ٦                      | ٦                    |       |         | Г            | Γ        | Γ            | Γ            | Π            | T            | Τ      | T            |
|---------------|-------------|----------------------|-----------|-----------------------|-------------|------------------------|-----------------------|-----------------------|----------------------|-------------|--------------|-------------|-----------------------|------------|------------------------|------------|------------|-----------------------|--------------|-----------------------|------------|------------|------------|--------------|------------|------------------------|------------|------------------------|------------|-----------------------|-----------------------|-----------------------|------------------------|----------------------|-------|---------|--------------|----------|--------------|--------------|--------------|--------------|--------|--------------|
|               | 5_          | 3 5                  | +         | +                     | +           | 1                      | $\dashv$              | -                     | Н                    | 2           | ┝            | t           | ╁                     | $\dagger$  | +                      | +          | 믝          | $\dashv$              | 2            | H                     | -          | 1          | +          | +            | $\dagger$  | $\dagger$              | +          | +                      | +          | +                     | 1                     | 2                     | $\dashv$               | 1                    | ╡     | Н       | ┢            | $\vdash$ | -            | ╁            | H            | $\dagger$    | +      | +            |
| 3             | <u> </u>    | MEASU PER            |           |                       |             |                        |                       |                       | Ц                    | L           | L            |             | $\perp$               | 1          | 1                      |            |            |                       |              | L                     | L          | L          | L          | $\perp$      | 1          | $\perp$                | 1          | 1                      | $\perp$    |                       |                       |                       |                        |                      |       |         | L            | L        | L            | L            | L            | 1            | 1      | 1_           |
|               |             |                      |           |                       | 1           |                        |                       |                       |                      |             |              | I           | T                     |            |                        |            |            |                       |              |                       |            |            |            |              |            |                        |            |                        |            |                       |                       |                       |                        |                      |       |         |              |          |              |              |              |              |        |              |
|               |             | 4 RESULT             | 4         | 4                     | 4           | 4                      | 4                     |                       | Н                    | L           | L            | ╀           | +                     | +          | 4                      | 4          | 4          |                       | _            | L                     | -          | $\vdash$   | ╀          | +            | +          | +                      | +          | +                      | 4          | -                     | $\dashv$              | Н                     | $\dashv$               | 4                    |       | _       | -            | -        | -            | $\vdash$     | ┞            | ╀            | ╀      | ╀            |
|               |             |                      | +         | +                     | +           | 1                      | $\dashv$              |                       | Н                    | $\vdash$    |              | $\dagger$   | $\dagger$             | +          | 1                      | 1          | $\dashv$   |                       |              |                       |            |            | T          | $\dagger$    | 1          | $\pm$                  | 1          | 1                      | 1          | 1                     |                       |                       |                        |                      |       |         |              |          | L            |              | L            | İ            | İ      |              |
|               |             | RHASONS              | F         | 4                     | $\exists$   |                        | $\Box$                |                       |                      |             | F            | L           | 1                     | 4          | -                      | 4          |            |                       | 2            | ~                     |            | $\vdash$   | 1          | +            | +          | +                      | +          | +                      | 4          | -                     | _                     | 1                     | -                      |                      | _     | _       | -            | L        | L            | L            | ╀            | +            | +      | ╄-           |
|               | _           | Δ                    | +         | ,                     | >           | ,                      | ,                     | >                     | ,                    | 4           | <b> </b>     | †,          | +;                    | ,†         | ,                      | ,          | ₹          | ^                     | *            | 1                     | L.         | ,          | ١,         | <b>,</b>   ; | †          | >                      | ,          | ,                      | >          | >                     | >                     | 4                     | >                      | ,                    |       | H       | -            | $\vdash$ | $\vdash$     | t            | t            | t            | t      | T            |
|               | INSTRUMBINI | DESTRICTION OF LINES |           |                       | 50.0        | ļ                      |                       |                       |                      |             |              |             | ١                     | 0.00       | -                      |            |            |                       | 1            | 0                     |            |            | 8          | ,            |            |                        |            |                        |            | 0.1                   | 0.                    | \$                    |                        |                      |       |         |              |          |              |              |              |              |        |              |
|               | <u> </u>    | PARAMETER NAME  U    |           |                       | Antimomy 0. | Amenic                 | Bertum                | Borytlium 0.2         |                      | Calcinon 10 |              |             |                       |            | 8                      |            |            | Lithium               | Magnesium    |                       |            | Davia      |            |              |            | E                      |            | Sodium 10              |            | Thalliates            | Tin                   | Venadium              | Zinc                   | Phosphorus           |       |         |              |          |              |              |              |              |        |              |
| _             | RETHEN      | NOT I                | 1         | ~                     | ₹           | ₹                      | ď.                    | æ                     | ٥                    | ٥           | ľ            | ľ           | 1                     | 1          | 9                      | -          | 7          | 7                     | Σ            | 2                     | 2          | 1          | 1          | 2 5          |            | 3                      | -          | *                      | Š          | 1                     | ۲                     | >                     | z                      | d                    | -     |         |              |          |              | T            | T            | t            | t      | T            |
|               | _           | OF T                 | 1         | UCA                   | UGA         | UGAL                   | UGAL                  | NGV                   | UQ.                  | 200         | 10           | 2           | 3 3                   | 3          | ğ                      | UCAL       | UOV        | TOA                   | NG.          | UG/L                  | UGA        | 2          |            | , C.         | 3          | UCA.                   | ČČ,        | NO.                    | UGAL.      | UCM.                  | UQ/L                  | UGAL.                 | UQ/L                   | noa                  |       |         |              |          | Ī            | Ī            |              | T            | T      |              |
|               |             | 2 SIG                | 1         | -                     |             | 1                      |                       | _                     | ĺ                    | ĺ           | Ť            | ľ           | Ť                     |            |                        |            |            |                       | ŕ            | ĺ                     |            | Ī          | Ī          | T            | 1          |                        |            |                        |            |                       |                       |                       |                        |                      |       |         |              |          |              |              |              |              | T      | T            |
| $\vdash$      |             | A SUP                | $\dashv$  | ם                     | $\exists$   |                        |                       | _                     | _                    | $\vdash$    | +            | 1.          | , ;                   | 1          | +                      | -          | _          | n                     | -            | -                     | 5          | =          | +          | -<br>-<br> : |            |                        | 1          | +                      |            | n                     | n                     | -                     |                        | n                    |       | -       |              | -        | t            | +            | $\dagger$    | $\dagger$    | +      | $\dagger$    |
| $\vdash$      | *           | ANALYTI Q            | -         |                       |             | Ω                      | Ω                     |                       |                      |             |              | Ī           |                       |            |                        | _          | _          |                       |              | r                     | Γ          | T          | T          |              |            |                        |            |                        |            |                       |                       |                       |                        |                      |       |         |              |          |              |              | T            | T            | T      | T            |
| L             |             |                      |           |                       | 0 26.0      | 2 1.6                  | 3 5.0                 | 0.00                  | 1                    | Г           | 1            | T           | - 1                   | 7          | - 1                    |            | 0.60       | 2 26.0                | 4 48.8       | 1                     | 010        | T          | 7          | 7            | ı          | ı                      |            | 7                      | 6 2.0      | 0 2.9                 | .5 17.0               | 2 3.2                 | 6 39.9                 | 101 0                | _     | -       |              | -        | -            | -            | +            | +            | +      | +            |
|               |             | NUMBER               |           | 7429-90-5             | 7440-36-0   | 7440-38-2              | 7440.39-3             | 7440-41-7             | 7440-43-9            | 7440-70-2   | 7440467      |             | (100)                 | 7440484    | 7440-50-8              | 7439-89-6  | 7439-92-1  | 7439-93-2             | 7439.95.4    | 7439.96.5             | 74.19.47.6 | 74.10 08.7 | 2 2 2      | 7440.02.0    | 7440 09-7  | 77H2-49-2              | 7440 22 4  | 7440-23-5              | 7440 24-6  | 7440-28-0             | 7440-31-5             | 7440-62.2             | 7440-66-6              | 7723-14-0            | _     |         |              | -        |              |              | -            | -            | 1      | _            |
| -             | _           | F E                  |           | SMETCLPTAL            | SMETCLPTAL  | SAUTOTAL               | SMETCLPTAL            | SMETGLYTAL            | METCLETA             | SAPINO PTA  |              |             | METCLATA              | SMETCLETAL | SMETCLPTAL             | SMITCLETAL | SMETCLETAL | SMETINGG.P            | SWITCHTAL    | METGATAL              | SAIG PIA   |            | 2          | SMETCLPTAL   | SMITTOLITA | SMITTLETAL             | SMITTLIAL  | SMETCH PTAL            | LEXALETME  | SMERTIFIAL            | SMETNOCE A            | SMETCL PTAL           | SMETCLPTAL             | SMETCLPTAL           | -     |         | -            |          | t            | t            | T            | $\dagger$    | +      | $\dagger$    |
| 144           | TRST        | CODE                 |           | SME                   | SME         | SAGE.                  | SME                   | SWE                   | awa.                 | Ž           |              | -           | age.                  | ě,         | SME                    | SMCH       | SPARE      | SME                   | S. S. S.     | M.                    | 2          |            | TWI.       | J. W.        | SMI        | SMI                    | W.         | SME                    | SM         | Ä                     | SME                   | SWG                   | SME                    | SM                   | -     | H       |              | $\mid$   | H            | +            | +            | $\dagger$    | +      | +-           |
|               | BLANK       | SAMPLE               |           |                       |             |                        |                       |                       |                      |             |              |             |                       |            |                        |            |            |                       |              |                       |            |            |            |              |            |                        |            |                        |            |                       |                       |                       |                        |                      |       |         |              |          |              |              |              |              |        |              |
|               | SiS         | T T                  |           |                       |             |                        |                       |                       |                      |             |              |             |                       |            | _                      |            |            | Ĺ                     |              |                       |            |            |            |              |            |                        |            | _                      |            | _                     | L                     |                       | Ļ                      |                      | L     | Ļ       | $\downarrow$ |          | $\downarrow$ | 1            | 1            | 1            | 1      | $\downarrow$ |
| SAMPL         | ANAL YSIS   | DATE TIME            |           | 11/24/30              | 11/24/90    | 11/27/90               | 11/24/90              | 11/24/90              | 2/1                  | 2           | 200          | C/W/W       | 27.54/80              | 11/24/90   | 11/24/90               | 11/24/90   | 11/29/90   | 11/24/90              | 11724/20     | 11,724,00             |            | 2/07/1     | 1767       | 11/24/90     | 11/24/90   | 11/22/60               | 11/24/90   | 11/24/90               | 11/24/90   | 12/06/90              | 11/24/90              | 11/24/90              | 11/24/8                | 11/24/90             |       | L       |              |          |              |              |              |              | 1      | 1            |
| SAMPLH SAMPLH | PRHP        |                      |           | TCA 11/17/90 11/24/90 | 11/1/90     | TTCA 11/17/90 11/27/90 | TCA 11/17/90 11/24/90 | 11/1/80               | TCA 11/7/80 11/24/90 | 002.01      | 2011         | MAN 14/1/11 | TCA 11/17/90 11/24/90 | 11/1/90    | TTCA 11/17/90 11/24/90 | 11/17/90   | 11/17/90   | TCA 11/17/90 11/24/90 | 11/7/80      | TICA 1107/80 11/24/80 |            | 2/17/1     | 11/1/20    | 11/1/90      | 11/17/90   | TICA 11/17/90 11/27/90 | 11/1/90    | TICA 11/17/90 11/24/90 | 11/17/90   | TCA 11/17/90 12/06/90 | TCA 11/17/90 11/24/90 | TCA 11/17/90 11/24/90 | ITCA 11/17/90 11/24/90 | TCA 11/1/90 11/24/90 |       |         |              |          |              |              |              |              |        | 1            |
|               |             | 3 6                  |           | ş                     | Ş           | Ę                      | Ę                     | 1                     | 1 2                  |             | ١            | 5           | ş                     | Ş          | Ž                      | TCA.       | Ę          | Ş                     | N.           | į                     |            |            | Ě          | 칱            | MCA.       | Σ                      | 17CA       | ٤                      | Ş          | Ę                     | Ž                     | Ę                     | 뒽                      | 2                    | 1     | $\perp$ | 1            | 1        | 1            | $\downarrow$ | $\downarrow$ | $\downarrow$ | +      | $\downarrow$ |
|               | ev:         | SAMPLA               |           | C01037401H            | C01037401H  | C01037401H             | C01037401H            | Constant              | COLONIAGIN           | 11101111    | COLUST ACILH | CO105/401H  | C01037401H            | C01037401H | C01037401H             | C01057401H | C01037401H | C01037401H            | HIOPERIO     | Colonia               | 110100     | COIDS/ADIE | C01037401H | C01037401H   | C01037401H | C01037401H             | COLOSTACIH | C01037401H             | C01037401H | C01037401H            | C01037401H            | C01037401H            | C01037401H             | C0103740114          |       |         |              |          |              |              |              |              |        |              |
|               |             | SAMPLE SAMPLE        |           | N and                 | Τ           | Γ                      | Τ                     | T                     |                      | T           | Т            | T           |                       | *          | Г                      | Γ          | Π          | Τ                     | Τ            |                       | Τ          | Т          | Water      | Wate         | * And      | *                      | Water      | Water                  | Water      | Wase                  | 2                     | 1                     | N.                     | West                 |       |         |              |          |              |              |              |              |        |              |
|               | -           | BATCH                |           | 9010C074              |             |                        |                       | ĺ                     |                      |             |              |             |                       | 90100074   | 9010C074               | 90100074   | 90100074   |                       |              |                       |            |            |            | 90100074     | 9010C074   |                        | 90100074   |                        |            |                       |                       |                       |                        |                      |       |         |              |          |              |              |              |              |        |              |
|               | NOL         | E.                   | <u> </u>  |                       |             |                        |                       |                       |                      | I           |              |             |                       |            |                        |            |            |                       |              |                       |            |            |            |              |            |                        |            |                        |            |                       | $\int$                | $\int$                | $\int$                 |                      |       | I       | $\prod$      | $\int$   | $\prod$      | $\prod$      | Ţ            | $\int$       | $\int$ | $\perp$      |
| SALARY H      | NOT HUTON   | EL PO                | MINATO    | 1004/90               | 10034.00    | 00,400                 | 8                     |                       | 10/24/90             |             | 1024/20      | 10/24/90    | 10/24/90              | 10/24/90   | 1024/90                | 10/24/90   | 1024/90    | 8                     |              | 0000                  | 26/20      | 10/24/90   | 10/24/90   | 10/24/90     | 10/24/90   | 10/24/90               | 10/24/90   | 10/24/90               | 1004/00    | 00/4/00               | 2                     | 2000                  | 1024/00                | 90.00                | 2     |         | 1            |          | $\downarrow$ |              |              |              | 1      | $\perp$      |
|               | TORIOGE     | H PPALAS             | NO MENTER | SWROOTRWC             | CWROOSKWC   | CWROOSRWC              | CWROOSRWC             | Cition of the Control | SWEGOSEWC            | SWBOOSWC    | SWBOOSEWC    | SW80058WC   | SW80058WC             | SW80058WC  | SW80058WC              | SW80058WC  | SWROOSRWC  | SWRONSRWC             | Citiosocotto | SWOODS                | SWOODS     | SWBOOSBWC  | SW80058WC  | SWROOSRWC    | SW80058WC  | SW80058WC              | SWROOSHWC  | SW80058WC              | SWROOSRWC  | SWBOOSBWC             | 7/88006/R3            | SW60036WC             | SWROOSRWC              | SW80058WC            | 2.000 | -       |              |          |              |              |              |              |        |              |

|         |               |          |                |           |  | - X                               | _         | _  | -      |  |                        |                        |   | _   |   | _  |   | _  |
|---------|---------------|----------|----------------|-----------|--|-----------------------------------|-----------|--|--------|--|------------------------|------------------------|---|---|---|--|---|--|
|         |               |          | TOTAL TANAL VE | ANAI YEIG | B) ANK   | TST                               |           |  | H.SI.T |  |                        | RETHIN                 |   | INSTRUMENT  |   |  | ENS.  | 3  |
| BATTE   | SAMPLE SAMPLE | 83       |                | DATE TIME | SAMPLE   | د                                 | SS CS     |  |        | 2 510  | 8                      |                        |   | NOL   |   | 3  | è   | \$ 1   |
|         | LDC NUMBER    | <u>a</u> |                | ADDY THE  | NUMBER   | 9000                              | NUMBER    | KHSULT   | - FEB. | HINGOR   | MRASU TIME             |                        | PARAMETER NAME  | COMPT VD 1 2  | 1 2 3   | 4 RESULT                                   | MEASU   | Ě  |
|         | C010376041    | Ş        | 11/2           | 85        |  | DMETCL/PTA.                       | 7429-90-5 | 29.7   |        |  | UGAL                   |                        | А)штта  |   |   |  | _   | _  |
|         | C010376041    | Ę        | 611            | 84        |  | DMRTCT PTA.                       | 7440-36-0 | 1  | 2      |  | UOAL                   |                        | Antimony  |   |   |  | 1   | 1  |
|         | 10900000      | ¥JEL     | 111            | 96/2      |  | DMETCLPTA.                        | 7440-38-2 | 9'1  | n      |  | UQ.                    |                        | Aremic  | > ^   |   |  |   |  |
|         | 2000000       | É        | 11.5           | 85        |  | DMETCLETA                         | 7440-39-3 | 5.1  |        |  | UGAL                   |                        | Beriam  | v 2000  |   |  |   | ╝  |
|         | T             |          |                | 1         |  | The Country of the                | 7.12.0257 | ı  | =      |  | UQ.                    |                        | Borylium  | ٥٥ ×  |   |  |   |  |
|         | Т             | ž        | 11/2           | D.        |  | 1                                 |           | ,  | I      |  | , LOA                  | Ī                      | Cadmium   |   |   |  |   |  |
|         | 7             | Ę        | S              | 000       |  |                                   |           | 4  | Ţ      |  | ,01                    |                        | - Contraction   |   | -   | _  | L   | Þ  |
|         |               | ğ        | 112            | 06/3      |  | DMETCHA                           | 740-10-7  | _ [-   | ŀ      |  | 3 6                    |                        |   |   |   |  |   | L  |
| A Water | C010376041    | Į.       | 120            | 6/30      |  | DMETNOCLS                         | 744046-2  | 7  | 2      |  | 3                      | Ī                      | Country   |   | †   | 1  |   | 1  |
|         | C010376041    | ই        | 417            | 06/7      |  | DMGTCL JTA.                       | 7440-47-3 |  | 2      |  | NG/L                   | T                      | Chromien  |   | #   |  |   | 1  |
|         | Γ             | ٤        | 27.1           | 06/30     |  | DMRTCLFTA.                        | 7440-48-4 | 4.0  | =      |  | Nov.                   |                        | Cobalt  |   | 1   |  | 1   | 1  |
| 1       | Т             | TC.      | SI             | 06/#      |  | DMBTCLFFA.                        | 7440-50-8 |  | 2      |  | UGA.                   |                        | Copper  | >   | 1   | 1  | 1   | 1  |
|         | Т             | ž        | 911            | 06/30     |  | DMRTCLFTA.                        | 7439-89-6 |  | 1      |  | Z.                     | _                      | bon   | 4   |   | 1  | $\downarrow$  | 4  |
|         | Γ             | Ž        | 171            | 3/80      |  | DMETCLFTA.                        | 7439-92-1 | 09:0   | 1      |  | UGAL                   | 1                      | Lead  |   |   | $\downarrow$                               |   | 1  |
|         | Τ             | Ž        | 15             | 06/1      |  | DMETNOCLA                         | 7439.93.2 |  | ם      |  | UQ/L                   | 1                      | Lithium   |   |   | 1  | 1   | 1  |
|         | Τ             | Ş        | 15             | 06/3      |  | DMETCLPTA.                        | 7439-95-4 | F .  |        |  | UG/L                   |                        | Magnosium   |   |   | 1  |   | 1  |
|         | Т             | Y)       | SI             | 06/3      |  | DMETCL/TA.                        | 7439.96-5 | 1  |        |  | UG/L                   |                        | Mangamose   | 10  | <u>~</u>  | -  | 4   | 1  |
|         | Т             | 2        | 271 06/271     | 06/8      |  | DAGITCLPTA.                       | 7439-97-6 | 01.0   | n      |  | UGAL                   |                        | Morcury   | 0.02  | •   |  |   | 1  |
|         | Τ             | Ž        | 15             | 864       |  | UNITAMO                           | 7439-98-7 | 13.0   | n      |  | UGAL                   |                        | Molybdomen  |   |   | 1  |   | 1  |
|         | Т             | Ž        | 152            | 85        |  | DMPTCLPTA.                        | 7440-02-0 | 12.0   | 5      |  | UGA,                   |                        | Nichal  | 0.02  | 1   |  | 1   | 1  |
|         | Т             | 121      | 110            | 1 36 X    |  | DIMETICLETA.                      | 7440-09-7 | 1270   |        |  | UG/L                   |                        | Potestian   | >   | 1   |  | 1   | 1  |
|         | T             | Ş        | 11/2           | 08/2      |  | DMRTCLPTA.                        | 7782-49.2 | 1.2  | D      |  | UG/L                   |                        | Selenium  | 4   | 2 14  |  | $\downarrow$  | 1  |
|         | 1             | TT.      | SI             | 06/*      |  | DMITTNOCLE                        | 7440-21-3 | 64.0   | n      |  | UGAL                   |                        | Silicon   |   |   | -  | 4   | 1  |
|         | 7             | Ž.       | 15             | 06/14     |  | DMITTEL PTA                       | 7440-22-4 | 5.9  |        |  | UG/L                   |                        | Silver  | 25 v  |   | _  |   | 1  |
|         | T             | TU-      | 211            | 08/36     |  | DMETCLFTA.                        | 7440-23-5 | 113  | 2      |  | UG/L                   |                        | Sodium  | 10 v  |   | _  | 4   | _  |
|         | Τ             | Ž        | 15             | 06/38     |  | DMRTNOCLL                         | 7440-24-6 | 2.0  | n      |  | UGAL                   |                        | Strontium   | 10 v  | -   |  | 1   | 4  |
|         | T             | Ž        | 121            | 13/90     |  | DMETCL/PTA.                       | 7440-28-0 |  | U      |  | UGAL                   |                        | Thellium  | Y   | 2   | -  | _   | 1  |
|         | Τ             | 721      | 12.            | 24/30     |  | DMRTNOCLE                         | 7440-31-5 |  | >      |  | UGA                    |                        | Tin   |   |   | -  | 1   | 1  |
|         | Τ             | 2        | 11/2           | 24/90     |  | DMETCLPTA.                        | 7440-62.2 |  | _      |  | nov                    |                        | Venedium  |   |   | 1  | 1   | 4  |
|         | Γ             | TC.      |                | 06/16     |  | DMETCLPTA.                        | 7440-66-6 |  | _      |  | UGAL                   |                        | Zinc  | -   | -   | -  | 1   | 4  |
|         |               | ПСA      |                | 06/16     |  | DMETCLIPTA.                       | 7723-14-0 |  | =      |  | UGA.                   |                        | Phosphorus  | >   | 1   | +  | 1   | $\downarrow$   |
|         |               |          |                |           |  |                                   |           | -  | 1      |  |                        |                        |   |   | 1   | 1  | $\downarrow$  | 1  |
| _       |               |          |                |           |  |                                   | _         |  | 1      |  |                        |                        |   |   | 1   | 1  | $\downarrow$  | 1  |
|         |               |          |                |           |  |                                   |           |  |        |  |                        |                        |   |   |   | -  | 1   | 4  |
|         |               |          |                | -         |  |                                   |           |  | _      |  |                        |                        |   |   |   |  |   | 4  |
|         |               |          |                |           |  |                                   |           |  | Ц      |  |                        |                        |   |   |   | 4  | _   | 4  |
|         |               |          |                |           |  |                                   |           |  |        |  |                        |                        |   |   |   |  | _   | _  |
| -       | -             |          |                |           |  |                                   |           |  |        |  |                        |                        |   |   |   | 4  | _   | _  |
|         |               |          |                | -         |  | _                                 |           |  |        |  |                        |                        |   |   |   | -  |   | _  |
| -       |               | F        | -              |           |  |                                   |           |  | L      |  |                        |                        |   |   |   |  |   | Н  |
|         |               | Ware     | Wass           | Wass      | WATER NUMBER   Was   CO1077641   Was   CO10776 | Wass   COLOTOGA   TTCA   11/24/90 | West      | West   COUGTOOM   TTCA   11/24/90   DM/TCA | West   | West   Colorisoti   TCA   1124/90   District   TCA   1124/90   District   TCA   1124/90   District   TCA   1124/90   District   TCA   1124/90   District   TCA   1124/90   District   TCA   1124/90   District   TCA   1124/90   District   TCA   1124/90   District   TCA   1124/90   District   TCA   1124/90   District   TCA   1124/90   District   TCA   1124/90   District   TCA   1124/90   District   TCA   1124/90   District   TCA   1124/90   District   TCA   1124/90   District   TCA   1124/90   District   TCA   TC | Water Coloribotal Tree | Water Coloribotal Tree | 8.8 MATERIA NUMBER         D. MACKON MACKON THE NUMBER         COURT         D. MACKON MACKON THE NUMBER         COURT           v.v.a.         COLORDONI         TICA         11/24/90         DAMENTARY         7463-36         26/7         U GOLD           v.v.a.         COLORDONI         TTCA         11/24/90         DAMENTARY         7463-36         16         U GOLD           v.v.a.         COLORDONI         TTCA         11/24/90         DAMENTARY         7463-36         51         U GOLD           v.v.a.         COLORDONI         TTCA         11/24/90         DAMENTARY         7463-36         51         U GOLD           v.v.a.         COLORDONI         TTCA         11/24/90         DAMENTARY         7463-36         52         U GOLD           v.v.a.         COLORDONI         TTCA         11/24/90         DAMENTARY         7463-36         53         U GOLD           v.v.a.         COLORDONI         TTCA         11/24/90         DAMENTARY         7463-36         53         U GOLD           v.v.a.         COLORDONI         TTCA         11/24/90         DAMENTARY         7469-36         53         U GOLD           v.v.a.         COLORDONI         TTCA         11/24/90         DAMENTARY | 8.8 MATERIA NUMBER         D. MACKON MACKON THE NUMBER         COURT         D. MACKON MACKON THE NUMBER         COURT           v.v.a.         COLORDONI         TICA         11/24/90         DAMENTARY         7463-36         26/7         U GOLD           v.v.a.         COLORDONI         TTCA         11/24/90         DAMENTARY         7463-36         16         U GOLD           v.v.a.         COLORDONI         TTCA         11/24/90         DAMENTARY         7463-36         51         U GOLD           v.v.a.         COLORDONI         TTCA         11/24/90         DAMENTARY         7463-36         51         U GOLD           v.v.a.         COLORDONI         TTCA         11/24/90         DAMENTARY         7463-36         52         U GOLD           v.v.a.         COLORDONI         TTCA         11/24/90         DAMENTARY         7463-36         53         U GOLD           v.v.a.         COLORDONI         TTCA         11/24/90         DAMENTARY         7463-36         53         U GOLD           v.v.a.         COLORDONI         TTCA         11/24/90         DAMENTARY         7469-36         53         U GOLD           v.v.a.         COLORDONI         TTCA         11/24/90         DAMENTARY | 9. AVATOR (MUNISME)         D. AVACOR (MUNISME)         D. AVACOR (MUNISME)         D. AVACOR (MUNISME)         D. AVACOR (MUNISME)         CO. C. AVACOR (MUNISME)         D. AVACOR (MUNISME) </td <td>94. M. M. M. M. M. M. M. M. M. M. M. M. M.</td> <td>9. A.V.T.NO. (MINISTAN)         D. A.V.T.NO. (MINISTAN)         LO. C. A. A. A. A. A. A. A. A. A. A. A. A. A.</td> <td>94. MATCH (ADMINIST         D. MATCH (ADMINIST         D. MATCH (ADMINIST         D. MATCH (ADMINIST         COLUMNIST         COLUMNIST</td> | 94. M. M. M. M. M. M. M. M. M. M. M. M. M. | 9. A.V.T.NO. (MINISTAN)         D. A.V.T.NO. (MINISTAN)         LO. C. A. A. A. A. A. A. A. A. A. A. A. A. A. | 94. MATCH (ADMINIST         D. MATCH (ADMINIST         D. MATCH (ADMINIST         D. MATCH (ADMINIST         COLUMNIST         COLUMNIST |

| -             | ٤ ا         | 8                              | Т         | T  | 1         | 7                     | _         | Γ                     | Г          | Т                     | Τ                     |                       | Г         |              |           | П          |           |           | Г         | Г           | Γ          | Τ         | Γ          | T                     | T            | Τ                      | L                       | Ī                     | L                      |                       |  |                       | П        | 7 |              |   |               |              |              |   | Γ      |
|---------------|-------------|--------------------------------|-----------|--|-----------|-----------------------|-----------|-----------------------|------------|-----------------------|-----------------------|-----------------------|-----------|--------------|-----------|------------|-----------|-----------|-----------|-------------|------------|-----------|------------|-----------------------|--------------|------------------------|-------------------------|-----------------------|------------------------|-----------------------|--|-----------------------|----------|---|--------------|---|---------------|--------------|--------------|---|--------|
| 3             | <u> </u>    | -                              | +         | +  | +         | 4                     | _         |                       | ┞          | ╀                     | ┞                     | H                     | H         | 2            | 2         | Н          | H         | 2         | ┝         | ┝           | $\vdash$   | $\vdash$  | ╁          | f                     | +            | +                      | 2                       | $\vdash$              | P                      | Н                     | H  |                       |          | 7 | 1            | 1 |               | 7            |              |   | Γ      |
| EN S          | 8           |                                |           | ١  | 1         | ١                     |           |                       |            |                       |                       |                       |           |              |           |            |           |           |           |             |            | L         | L          | L                     | l            |                        | NG/L                    |                       | L                      |                       |  |                       |          |   |              |   |               |              |              |   | L      |
|               |             | $\overline{}$                  | 1         | 1  | 1         | 1                     |           | Γ                     |            | T                     | Γ                     | Γ                     | Г         |              |           |            | Г         |           |           |             | Γ          |           | Ī          | T                     |              |                        |                         | ١                     |                        |                       |  |                       |          | 1 |              |   |               |              | 1            |   | İ      |
|               | 3           |                                | -         |  | 1         | Ì                     |           |                       |            | l                     |                       |                       |           |              |           |            |           |           |           |             | ĺ          |           |            |                       |              |                        | 2.9                     |                       |                        |                       |  |                       |          |   |              |   |               |              |              |   | L      |
|               |             | •                              | 1         | 1  | 1         |                       |           | L                     | t          | T                     | L                     |                       |           |              |           |            |           |           |           |             |            | 1         | 1          | I                     | I            | Ţ                      | 8                       | I                     | L                      |                       |  |                       | Ц        |   |              |   |               |              | Ц            |   | L      |
|               | S¥3         | 2 2                            | 4         | 4  | 4         | -                     |           | ┞                     | ╀          | ╀                     | ╀                     | ╀╌                    | -         | ╀            | H         | -          | H         | H         | ┝         | -           | ╀          | ╀         | ╀          | ╀                     | +            | ╁                      | ╁                       | ╁                     | ╁                      | $\vdash$              | 6  | -                     | Н        |   | $\vdash$     |   | Н             | Н            | Н            | Н | H      |
|               | ≨.          | - 1                            | +         | +  | 1         |                       | •         | •                     | +          | t                     | $\dagger$             | t                     | ٦         | -            | -         | -          | H         | ۰         | •         |             | L          | İ         | 13         | : [-                  | 1            | 1                      |                         | •                     | -                      | •                     | 2  |                       |          |   |              |   |               |              |              |   |        |
|               |             | 9                              | >         | >  | >         | >                     | ~         | -                     | ,          | >                     | >                     | >                     | 1         | 1            | 1         | 7          | >         | 1         | -         | >           | >          | >         | 1          | 1                     | :            |                        | - >                     | 1                     | 1                      | *                     | *  |                       |          |   |              |   |               |              |              |   |        |
| INSTRUMENT    | NOTICENON   | ا ي                            | -         | -  | 1         |                       |           | l                     | l          | l                     |                       |                       |           |              |           |            |           |           |           |             | ١          |           |            |                       |              | ı                      | 1                       |                       |                        |                       |  |                       |          |   |              |   |               |              |              |   |        |
| ž             | 2           | 5                              | 의         | 8  | 2         | 0.02                  | 0.2       | jā                    | 8          | <u> </u>              | ŀ                     | å                     | 2         | -            | 8         | 2          | 19        | 2         | 0.0       | 12          | 8          | 2         | 4          | 4                     | 4            | 15                     | =                       | 15                    | -                      | 2                     | -  | -                     |          | L | -            | - | -             | H            | $\vdash$     | H | ┞      |
|               | -           | PARAMETER NAME                 | Aluminum  | Antimony                                 | Artenic   | Berium                | Borvlium  | Codmission            |            | Cartina               |                       | Cobei                 | Connec    | lres.        | Leed      | Libino     | Marroshun | Managed   | Mercury   | Medishdamam | 11.2       | Document  |            | Solection             | Suren        | Sodium                 | Sucoimina<br>The United | 1                     | Vanadium               | Zho                   | Phoephorus   |                       |          |   |              |   |               |              |              |   |        |
| KETIEN        |             | Ę                              |           |  |           | _                     |           | ļ                     |            |                       | 1                     | 1                     | ļ         | $\downarrow$ | 1         |            |           | -         | ļ         | 1           | 1          | -         | 1          | 1                     | 1            | 1                      | -                       | $\frac{1}{1}$         | 1                      | -                     | -  | -                     | -        | - | L            | - | L             | L            |              | L | -      |
| ENI           | ð           | MELASU                         | UGAL      | UGAL                                     | UG/L      | VG/K                  | 100       | 3                     |            | 100                   | 3                     | 3 2                   | 2         | 100          | No.       | TOO!       | 110       | 51        | 104       | 101         | 1          | 100       | 700        | No.                   | NGA.         | nev                    | מכיני                   |                       | 100                    | NOV                   | UGA  | -                     | -        |   | L            | - | -             | -            | -            | - | 1      |
|               |             | KROK                           |           |  |           |                       |           |                       |            |                       |                       |                       |           |              |           | -          |           |           |           |             |            |           |            |                       |              |                        |                         |                       |                        |                       |  |                       |          |   |              |   |               |              |              |   |        |
| KSI.7         | 8           | 14.<br>14.<br>14.              |           | n  | וח        |                       | E         | +                     | ,          | ‡                     | <b>+</b>              | )<br> -               | 1         | 1            | 1         | 1          | ‡         | 1         | -         | <u> </u>    |            | 1         | 1          | 1                     | 1            | 1                      | 1                       | 1                     | 1                      | -                     | -  |                       | L        |   |              | F |               | F            |              | F | $\int$ |
|               | MALTT       | RESULT                         | 63.0      | 26.0                                     | 1.6       | 255                   | 990       | 86                    | 6.7        | 000/17                | 36                    | 0 0                   |           | 77.          | 0-        | 270        | 00718     | 10.07     | 010       | 130         | 0.0        | 0.21      | (A) T( P)  | 1.6                   | 6.0          | 536000                 | 0/77                    | 3 3                   | 7.87                   | 11 4                  | 674  |                       |          |   |              |   |               |              |              |   |        |
|               |             |                                | T         | ł  |           | Т                     | T         | т                     | ı          | - 1                   | $\neg$                | - 1                   | 1         | 7            | - 1       | 1          | ł         | 1         | 7         | 7           | Ţ          | - 1       | - }        | -1                    | ╗            | T                      | T                       | - 1                   |                        | 1                     | 1  | ì                     | T        | T | T            | T | T             |              |              | T | T      |
|               | 3           | ID NUMBER                      | 7429.90.5 | 7440-36-0                                | 7440-38-2 | 7440.39.3             | 1         | 1                     | 744043.9   | 7440-70-2             | 7440 46-7             | 744047-3              | 2000      | 7430 60 6    | 7.00 00 1 | 74.70 02 7 | 7.66.66   | 7 20 00 0 | 2.10.00.0 | 0-16-66-4   | /4.3y      | 7440.02.0 | 7440-09-7  | 77H2-49-2             | 7440.22.4    | 7440 23.5              | 7440 24 6               | 7440, 28-0            | 7440-31-5              | 7440.66.6             | 77.314.0   |                       | +        | - | $\downarrow$ | + | $\frac{1}{1}$ | -            | +            | 1 | +      |
|               | _           |                                | Ě         | ž  | 1         |                       | 1         | ž l                   | È          | É                     | ğ                     | È I                   | Š.        | ξli          | į į       |            |           | į,        | <u> </u>  | {           | ĝ          | ¥.        | ž          | Ĕ                     | Y.           | Ĭ                      | ş                       | Š                     | 2                      | V                     |  |                       | T        | T | T            |   |               | T            | T            | T | T      |
| 1 A           | PANIG       | <del>5</del> 00                | SMITCLETA | SMETGLFTA                                | ATO PTA   | ATA DITAR             |           | SMETCLPTA             | SMETCLATA  | SMETCLPTA             | SMETNOCLE             | SMETOLTA              | SMETCLATA | SMOTOLITA    | SMETCLPTA | SMOTOLFIA  | SMITTHOCT | SWETCHTA  | SMRTCLFTA | SMRTO_PTA   | SMFTMOCL   | SMRTG PIA | SMRTCLPTA  | SMETCL.PTA            | SMETG PTA    | SNUTCLITA              | LIXONLIMS               | SMETGLITA             | SMETNOCLE              | SMETCLFIA             | O Part of the Control | , ME                  | 1        | 1 | 1            | 1 | 1             | 1            | 1            | 1 | +      |
| N V           | SAMPLE      | NUMBER                         |           |  |           |                       |           |                       |            |                       |                       |                       |           |              |           |            |           |           |           |             |            |           |            |                       |              |                        |                         |                       |                        |                       |  |                       |          |   |              |   |               |              |              |   |        |
|               | 3<br>2<br>F | #                              |           |  | İ         | 1                     | 1         |                       |            |                       |                       |                       |           |              |           |            |           |           |           |             |            |           | ,          |                       |              | Ĺ                      |                         |                       |                        |                       |  | -                     | 4        | 1 | 1            | 1 | +             | $\downarrow$ | 1            | 1 | 1      |
| SAMPLE SAMPLE | ANAL TSIS   | MANDO/ MANDO/ 184              | 000011    | 00/10/11/11/11/11/11/11/11/11/11/11/11/1 |           | TCA 11/17/90 11/21/90 | 3         | TCA 11/17/90 11/24/90 | 124/90     | TCA 11/17/90 11/24/90 | TCA 11/17/90 12/04/90 | TCA 11/17/90 11/04/90 | 8         | 27.00        | 17A/30    | 8/8/       | 8/8       | 1/24/90   | 200       | 1/28/8      | 1/24/3     | 17M/X     | 1/24/90    | TCA 11/17/90 11/27/90 | 1/24/9       | TTCA 11/17/90 11/24/90 | TCA 11/17/90 11/24/90   | TCA 11/17/90 12/06/90 | ITCA 11/17/90 11/24/90 | TCA 11/17/90 11/24/90 | TCA 11/17/80 11/24/90  | TCA 11/17/90 11/24/90 |          |   |              |   |               | ١            | 1            |   | 1      |
| 14            | ₹ ¢         | <u> </u>                       | - 1       | 2 8                                      |           | 8                     | 2         | 8                     | 8          | 90                    | 8                     | 8                     | 8         | 8            | 8         | ٤          | 2         | 8         | 8         | 2           | 8          | 8         | 8          | 8                     | 84           | 8                      | Q.                      | 06/                   | 8                      | 2                     | 8  | 8                     | 7        | 1 | T            | 1 | 1             | 1            | T            | T | 7      |
| SAMP          |             | NOW C                          |           |  |           |                       | ŝ         | 1777                  | 11/17      | 11/17                 | 11/17                 | 11/17                 | 17        | 5            | 12        | 5          | 13        | Ê         | 2         | =           | =          | 11.07     | וועו       | 17                    | 1            | 5                      | 117                     | 11/1                  | 17,                    | 717                   | =  | 1                     | 4        | 4 | 4            | 4 | 4             | 4            | 4            | 4 | 4      |
|               | - 5         | ADD MONIDO                     | 1         |  |           | 2                     | 칠         | ПСA                   | Ž          | пCA                   | Į,                    | Ş                     | Ş         | 5            | ٤         | 힏          | 힏         | 힏         | 힌         | ٤           | Į          | HC.       | TC.        | Ę                     | Ę            | Ę                      | Ş                       | Ş                     | 5                      | 힡                     | 티  | 티                     | 1        | 1 | 1            | 1 | $\downarrow$  | 1            | 1            | 4 | 4      |
|               |             | SAMPLE SAMPLE<br>MATRIX NUMBER |           | C0103 /40381                             |           |                       |           | C01097403H            | CO1037403H | CD1097403H            | C01097403H            |                       |           |              |           |            |           |           |           |             | C01037403H |           | C01037403H |                       | _            | L                      | C01037403H              | C01037403H            | C01037403H             | C01037403H            | C01037403H   | C01037403H            |          |   |              |   |               |              |              |   |        |
|               |             | SAMPLE                         | T         | Т  |           | Value                 | Vec       | Г                     | Value      | W. W.                 | W. B.                 | Water                 | Water     | Water        | Water     | Water      | W MAR     | Water     | *         | Water       | Water      | Wea       | W.         | Wale                  | N.           | West                   | Water                   | V ale                 | Water                  | Water                 | Water  | Water                 |          |   | $\downarrow$ |   |               | _            | $\downarrow$ | 1 |        |
|               |             | RATCH                          |           |  |           |                       | 90100074  | 9010CD74              |            |                       |                       |                       | 90100074  | 90100074     | 9010C074  | 9010C074   | 9010CU74  | 9010C074  | 9010C074  | 9010C074    | 9010C074   | 9010C074  | 9010C074   | \$010C074             | 9010CW4      | 9010C074               | 90100074                | 90100074              | 9010C074               | 9010C074              | 9010C074   | 9010C074              |          |   |              |   |               | -            |              |   |        |
| -             | CTION       | # #                            | $\rfloor$ |  |           |                       |           | <u> </u>              |            |                       |                       |                       | 1         |              |           | 0          |           | 0         |           | 0           | 0          |           | c          |                       | , ,          | 2 9                    | 8                       | 0                     | 8                      | R                     | 8  | 8                     | $\dashv$ | - | -            | - | -             | 4            | 4            | - | _      |
| KPMAA         | COLLECTION  | DATE TIME<br>MANDO/ 1814:      | _         | 10/26/90                                 | 10/24/90  | 10/24/50              | 10/24/90  | 10/24/90              | 10734.00   | 10/34/90              | 10/24/90              | 10/24/90              | 10/24/90  | 10/24/90     | 10/24/50  | 10/24/50   | 10/24/90  | 10/24/9   | 10/24/90  | 10/24/90    | 10/24/90   | 10/24/90  | 1004/00    | 00/90/01              | 00,400       | 10/24/90               | 10/24/90                | 10/24/90              | 10/24/90               | 10/24/90              | 10/24/90   | 10/24/90              |          | - | 4            | _ | _             | -            |              | _ | _      |
|               | FROJECT     | SAMPLE                         |           | SW80059WC                                | SW80059WC | SW80059WC             | SW80059WC | SWROOSOWC             | CW900SOWC  | SW800SoWC             | CW/80050WC            | SW80059WC             | SW80059WC | SW80059WC    | SW80059WC | SW80059WC  | SW80059WC | SW80059WC | SW80059WC | SW80059WC   | SW80059WC  | SWNOOSOWC | CW80050WC  | SW800SOWC             | Cureocostic. | SWROOSOWC              | SWR0059WC               | SWROOSOWC             | SW80059WC              | SWR0059WC             | SW80059WC  | SW80059WC             |          |   |              |   |               |              |              |   |        |

|               | 7 :        |                 | Т                   | Т             | T          | T  | Т            | Т         | ٦            |            | Γ          | Γ          | Τ             | Γ          | Τ          | Τ          | T          | T          | T          | Т          | T                     | Т          | T           | T               | Т          | Т           | Т            | T            | T          | T          | T          | T            | T          | T          | T         | T | T | 7 | ٦        | ٦        |   | П             |           |
|---------------|------------|-----------------|---------------------|---------------|------------|--|--------------|-----------|--------------|------------|------------|------------|---------------|------------|------------|------------|------------|------------|------------|------------|-----------------------|------------|-------------|-----------------|------------|-------------|--------------|--------------|------------|------------|------------|--------------|------------|------------|-----------|---|---|---|----------|----------|---|---------------|-----------|
|               |            | <b>-</b>        | +                   | +             | +          | +  | +            | +         | +            |            | ┝          | ┞          | $\vdash$      | -          | ╁          | ╁          | ╁          | +          | $\dagger$  | +          | $\dagger$             | +          | $\dagger$   | +               | $\dashv$   | +           | +            | +            | +          | $\dagger$  | t          | t            | t          | $\dagger$  | $\dagger$ | 1 | + | + | 1        | ٦        |   | П             | 7         |
| 3             | 5 8        | MEASU           |                     | 1             | 1          | 1  | 1            |           | _            | _          | L          | _          | L             |            |            | L          | 1          | 1          | 1          | 1          | 1                     | 1          | 1           | _               | 1          | 1           | $\downarrow$ | $\downarrow$ | 1          | 1          | 1          | 1            | 1          | 1          | 1         | 1 | 4 | _ | _        | 4        | 4 | Ц             | 4         |
|               |            | 4 RESULT        |                     |               |            |  |              |           |              |            |            |            |               |            |            |            |            |            |            |            |                       |            |             |                 |            |             |              |              |            |            |            |              |            |            |           |   |   |   |          |          |   |               |           |
|               |            | _               |                     | 7             | Ţ          | Ţ  | $\downarrow$ | 4         | 4            |            | L          | L          | L             | L          | F          | 1          | Ŧ          | 1          | +          | +          | +                     | +          | $\dashv$    | -               | +          | 4           | 4            | +            | +          | +          | +          | +            | +          | +          | +         | + | + | 4 | $\dashv$ | $\dashv$ | Н | Н             | Н         |
|               |            | <b>§</b> ~      |                     | $\pm$         | 1          | 1  | 1            | 1         |              | _          |            |            | İ             |            | İ          | 1          | 1          | 1          | 1          | 1          | 1                     | 1          | 1           | 1               | =          | 1           | 1            | 1            | 1          | 1          | 1          | 1            | +          | 1          | 1         | 1 | 1 |   |          |          |   |               | 口         |
| _             |            | P               | $-\Gamma$           | Ŧ             | Ţ          | -  | -            | •         | •            |            | >          |            | +             | -          | ╅╴         | ,          | . ,        | +          | +          | +          | -                     | -          | ,           | ,               | 12         | ,           | >            | ,            |            | <u> </u>   | +          | ` °          | +          | ^<br>4     | +         | + | - | 1 | $\dashv$ | _        | - | Н             | Н         |
|               | INSTRUMENT | DETRICTION V    | 1                   | ١             |            | ١  | ١            | 1         | 0.1          |            |            |            | 2             |            |            |            |            | Ì          |            | 1          | 0.02                  |            | 0.02        | 1               | ١          |             | 22           |              |            |            | ≥ .        |              |            |            |           |   |   |   |          |          |   |               |           |
|               |            | PARAMETTER NAME |                     | 1             |            |  |              | Beryllium |              | Calcium    |            |            |               |            |            |            |            |            |            |            |                       | en.m       | Nictoal     |                 | 8          | Silicon     | Silver       | Sedium       | Strontiura | Thallium   | Tm         | Venadrum     | CINC       | Phomphorus |           |   |   |   |          |          |   |               |           |
|               | KRUEN      | NOF F           |                     |               |            |  |              |           |              |            |            |            |               |            | I          | Ţ          |            |            |            |            |                       |            |             |                 |            |             |              |              | -          | 1          | 1          | 1            | 1          | 1          |           |   |   |   |          | L.       | _ | L             |           |
| 1             | LINI       | ₽               | . 1                 | UGAL          | Zg.        | UQV.   | UGAL         | NOV.      | UGAL         | UGA.       | 101        | 101        | 100           |            | 3 5        | 300        | 3          | 3          | CGA        | UGA        | UGA                   | NOV        | UGA.        | UG/L            | UGA.       | UGA         | UGA.         | UCA.         | nav.       | NGA.       | DQ/L       | nou          | 200        | nck        | 4         | _ |   |   |          | L        | _ | -             | Ц         |
|               |            | 2 51G           |                     |               |            |  |              |           |              |            |            |            |               |            |            |            |            |            |            |            |                       |            |             |                 |            |             |              |              |            |            |            |              |            |            |           |   |   |   |          |          |   |               |           |
| T             |            |                 |                     | 5             | 5          | u<br>I   |              | n         | 5            | T          | =          | , -        | , -           |            |            | ,          | _          | 1          |            |            | 5                     | _          | Э           |                 |            | _           |              |              |            | =          |            | ]:           | _          |            | T         |   |   |   |          |          |   | L             | $\coprod$ |
|               |            | ANALYTT QUA     |                     |               | 1          | 1.6  | 265          | 09.0      |              | 292000     | T          | T          | T             | T          | 2.0        | 0.0        | 0.40       | <b>3</b>   | 86300      | 1          |                       | 13.0       | 12.0        | 00215           | 2.3        | 7420        | 2.8          | 356000       | 2420       | 0,0        | 011        | 8.6          | 0.7        | 798<br>862 |           |   |   |   |          |          |   |               |           |
|               | _          | CAS             |                     | 7429-90-5     | _ [        | 7440-38-2  | 7440-39-3    | 7440-41-7 | Т            | Т          | Т          | т          | 1             | 7          | 7          | 7          | -1         | $\neg$     | - 1        | ſ          | )                     | 7439-98-7  | 7440-02-0   | 7-60-0447       | 7782-49.2  | 7440-21-3   | $\Box$       | 7440-23-5    | 7          | $\neg$     | 1          | 7            | Т          | 7723-14-0  |           |   |   |   |          |          |   |               |           |
| $\vdash$      |            | <u>ج</u> ج      | - 1                 |               | 2          | *  | 7            | 7         | 7            | 1          | ,          | Т.         | Ţ             | 7.         | 1          |            |            | ٦          | _          | ٠,         | .,                    |            |             | Γ.              |            |             |              |              |            | J          | I          | $\mathbf{J}$ | ,          |            |           |   |   |   |          |          |   | t             | 口         |
| HYI           | TIST       | PANEL           |                     | DMETCLETA     | DMRTCLPTA  | DMETCLFIA  | DMETCLFIA    | DMETCLETA | DARTCLFTA    | THE CHANGE | Jane Co.   | DMCINOCI   | Divortica PTA | VI CIND    | DMETTATA   | DMITCLEAM  | DMRTCL*1A  | DONLLAND   | DMRTGPTA   | DMETCLETA  | DMBTCLFTA             | DWITWOOL   | DMRTCLPTA   | DMETCLPTA       | DMRTCLFTA  | CENTRACE    | DMETCLFIA    | AITELLEMENT  | UNUMBER    | ATTLETHMU  | LUMETIMO   | DMRTCLFIA    | DMETCLFFA  | DMETCLFTA  |           | - |   |   |          |          |   | -             |           |
|               | BLANK      | SAMPLE          | NOWINER             |               |            |  |              |           |              |            |            |            |               |            |            |            |            |            |            |            |                       |            |             |                 |            |             |              |              |            |            |            |              |            |            |           |   |   |   |          |          |   |               |           |
| 1             |            | ě,              |                     | $\vdash$      |            | -  | t            | f         | t            | $\dagger$  | †          | †          | 1             | 1          | 1          | 1          |            | _          |            |            |                       |            |             | T               |            | -           | T            | -            |            |            | 1          | 1            | 1          |            |           |   |   |   |          |          |   | I             | L         |
| SAMPLE SAMPLE | ANAL.YSIS  | DATE TIME       | MONODY MONODO 1991: | 11/24/90      | 11/24/90   | 11/3/90  | 11/24/90     | 200       | 8            |            | 11/24/20   | 12/05/90   | 17/2/30       | 172/8      | 11/24/90   | 13/24/90   | 11/13/90   | 11/24/90   | 11/24/90   | 11/24/90   | TCA 11/27/90 11/28/90 | 11/24/90   | 11/24/90    | 11/24/90        | 11/27/90   | 11/24/90    | 11/24/90     | 11/24/10     | 11/24/50   | 11/13/90   | 11/24/90   | 11/24/90     | 11/24/90   | 11/24/90   |           |   |   |   |          |          |   | $\prod$       |           |
| SAMPLA        | PRHO       | LAS DATE        | VOVON               |               |            |  |              |           |              |            |            |            |               |            |            |            |            |            |            |            | 11/27/90              |            |             | ļ               |            |             |              |              |            |            |            |              |            |            |           |   |   |   |          |          |   |               |           |
|               | _          | 3               | ٥                   | Ž             | Ž          | Y)   | Ş            | Ě         |              |            | ğ          | Ę          | Ę             | ş          | ٤          | ž          | IICA       | ž          | ž          | Ş          | ž                     | ٤          | Ę           | Ž               | Ę          | N.          | Ę            | Ę            | TCA<br>TCA | ncA        | πCA        | ПСA          | ٤          | ПСA        |           | L | _ | 1 | 1        | 1        | 1 | 1             | 1         |
|               | 141        | SAMPLE          | NUMBER              | CD10074031    | C010374031 | ואשלאיות   | CONTRACTOR   | 201000    | COLUS / 4031 | -01037m031 | C010374031 | C010974031 | CO10374031    | C01037403J | C010374031 | C010974031 | C010074001 | C010374031 | C010374031 | C010374031 | C010374031            | C010374031 | C010374031  | Chiminalami     | C010374031 | Chindanni   | C010374031   | C010374031   | C010374031 | C010374031 | C010074031 | C010374031   | C010374031 | C010374031 |           |   |   |   |          |          |   |               |           |
| <b> </b>      |            | SAMPLE SAMPLE   | MATRIX NUMBER       | 1             | Т          | Ī  |              | Т         | 1            | T          | ****       | No.        | Water         |            | Water      | Water      |            |            | Γ          | Water      | 1                     | Γ          | Т           | T               | Т          | Т           | T            | Γ            | Γ          |            | W.46.0     | Water .      | Water      | Vace       |           |   | I |   |          |          | I | I             | $\prod$   |
|               |            |                 | NUMBER              | , ansona      |            | ľ  |              |           |              | 9010CU/4   |            |            |               | 9010C074   |            | 9010C074   | 90100074   | 90100014   |            | 9010C074   |                       |            |             |                 |            |             |              |              |            | 9010C074   | 9010C074   | 90100074     | 9010C074   | 9010C074   |           |   |   |   |          |          |   |               |           |
|               | ,          | DATE TIME       | × Hit               | I             | I          |  | T            |           | 1            |            |            |            |               |            |            |            |            | Γ          |            | Γ          |                       |            | T           | T               | 2 9        |             |              | 9            | 2          | Q          | 8          | Q            | 8          | R          | L         | - | 1 | - | 1        | +        | 1 | +             | +         |
|               | SAMPLE     | DATE            | MON/DOX 18E         | 00.00         | 1074/91    |  | OC/WAD       | 10,000    | 1024         | 10/34/90   | 10/24/90   | 10/24/90   | 10/24/90      | 10/24/90   | 10/24/90   | 10/34/90   | 10/24/90   | 1024/0     | 10/24/90   | 10/34/90   | 10/24/90              | 100.400    | 9700        | 2 2             | 1004/00    |             | 10/24/90     | 10/24/90     | 0.240      | 10/24/90   | 10/24/90   | 10/24/90     | 10/24/90   | 10/24/90   | -         | - | + | + | 1        | 1        | 1 | $\frac{1}{1}$ | +         |
|               |            | SAMPLA          | NUMBER              | 0,11000001110 | SW60059WC  | Suppose Suppos | SW80039WC    | SWEGGSWAL | SW80059WC    | SW80059WC  | SW80059WC  | SW80059WC  | SW80059WC     | SW80059WC  | SW80059WC  | SW80059WC  | SW80059WC  | SWROOSOWC  | CW80059WC  | CWROCSOWC  | SW80050WC             | CWennsaw   | SW 6000 W S | 3 W 600.59 W.C. | SW80039WC  | 211,000,001 | SW80059WC    | SW800SOWC    | SWROOSOWC  | SW80059WC  | SW80059WC  | SW80059WC    | SW80059WC  | SW80059WC  |           |   |   |   |          |          |   |               |           |

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| ٠.<                         | <b>S</b>                                | T                      | Т                      | ٦            |                 |                   | Γ                     | Τ                     | Ţ                     | Т                      | Т                      | Т                      | Т                      | Т                     | Т                     | П                     | ٦         | Г                      | Π                     | Γ                     | Τ                     | Τ                      | T                     | Τ              | Τ               | Т            | T             |           |            | Γ              | Τ            | T              | 7                |
|-----------------------------|---|------------------------|------------------------|--------------|-----------------|-------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------|------------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|----------------|-----------------|--------------|---------------|-----------|------------|----------------|--------------|----------------|------------------|
| 3 8                         | 2                                       | +                      | +                      | -            | Н               | -                 | H                     | ╀                     | ╀                     | +                      | +                      | +                      | ╬                      | 2                     | 7                     | $\dashv$              | 4         | $\vdash$               | $\vdash$              | ╀                     | t                     | +                      | ╁                     | f              | +               | $\dagger$    | 1             | 2         |            | H              | +            | $\dagger$      | $\forall$        |
| E à                         |   | 4                      | 4                      |              |                 | L                 | L                     | L                     | 1                     | 1                      | 1                      | 4                      | +                      | -                     | 4                     | _                     |           |                        | L                     | -                     | 1                     | 1                      | $\downarrow$          | +              | $\downarrow$    | $\downarrow$ | 1             | NG/L      |            | -              | -            | $\downarrow$   | $\left. \right $ |
| ē                           | 4 PHSULT                                |                        |                        | i            |                 |                   |                       |                       |                       |                        |                        |                        |                        |                       |                       |                       |           |                        |                       |                       |                       |                        |                       |                |                 |              |               | 29        |            |                |              |                |                  |
|                             |   | 4                      | 7                      | _            |                 |                   | F                     | F                     | Į                     | +                      | 1                      | 1                      | 7                      | -                     | -                     | -                     |           | L                      | L                     | F                     | ╀                     | +                      | ╀                     | +              | +               | +            | +             | 8         |            | $\vdash$       | +            | +              | 4                |
| BHASONS                     | 7                                       |                        | 1                      | _            |                 | F                 | F                     | ‡                     | 1                     | ‡                      | 1                      | 1                      | 1                      | ,                     | ,                     |                       |           | ~                      |                       | 1                     | Ŧ                     | Ŧ                      |                       | +              | 1               | 1            | 7             | 4         |            | F              | 1            | 1              | 7                |
| <u> </u>                    | P 1                                     | >                      | 7                      | >            | >               | ,                 | ,                     | 1                     | †                     |                        | 1                      | ,                      | >                      | š                     | 4                     | >                     | >         | *                      | -                     | ,                     | ,                     | ,                      |                       | 1              | ₹ :             | >            | >             | ^         | >          | >              | ,            | 1              | 4                |
| DESTRUMBENT<br>PACTRUM      | LDVGT                                   | 2                      | \$0.0                  | S            | 700             | 7                 | ā                     | 8                     |                       |                        | -                      | 700                    | 2                      | ~                     | Я                     | \$                    | 0.1       | 2                      | 200                   | 9                     | . 8                   | 2                      |                       | ,              | 0               | 2            | 9             | 0.1       | 10         | _              | ٤            | 2              |                  |
|                             | PARAMETTER NAME                         | Aluminum               | Antimony               | Amenic       | Berium          | Bordium           | - Codenius            | 100                   | Carcing               | Consum                 | Oromium                | Cobalt                 | Capper                 | Iron                  | Load                  | Lithium               | Magnetium | Mangapase              | Mercura               | No.                   | Miles I               | Nichted<br>Description |                       | Scholling      | Silver          | Sodium       | Strontium     | Thellium  | Tie        | Venedium       | 7            | 7000           | Phosphoras       |
| KHTHM                       | NOT.                                    |                        |                        |              |                 |                   |                       |                       |                       |                        |                        |                        |                        |                       |                       |                       | L         |                        |                       |                       | 1                     |                        | 1                     |                | 1               |              |               |           | L          | _              | 1            | 1              |                  |
| LING                        | MICHASU TIMB                            | UGAL                   | UGAL.                  | UCAL         | UQ.             | 110.6             | 101                   | 300                   | 3                     | NG.                    | UQ.                    | ngr.                   | UGAL                   | UG/L                  | nov                   | UGAL                  | UGAL      | UGA.                   | 101                   | 100                   | 2000                  | 100                    | 3                     | 1              | UGA             | UGA.         | UGAL          | NGV       | VG/L       | 1.04           | 200          | 30             | ng.              |
|                             | 2 SIO<br>HAUROR                         |                        |                        |              |                 |                   |                       |                       |                       |                        |                        |                        |                        |                       |                       |                       |           |                        |                       |                       |                       |                        |                       |                |                 |              |               |           |            |                |              |                |                  |
|                             |   | 5                      | ņ                      | n            | L               | ٤                 |                       | ,                     | 1                     | 5                      | =                      | D                      |                        |                       |                       | 5                     |           | Ĺ                      | =                     | =  =                  | ; :                   | 5                      | 1                     | 1              |                 |              |               |           |            | T              | I            | I              |                  |
|                             | KHSULT UTBU                             | 27.0                   | 26.0                   | 9            | 78.1            | 50                | 200                   | 43500                 | 2000                  | 200                    | 4.0                    | 4.0                    | 17.2                   | 51.8                  | 3.7                   | 26.0                  | 9840      | 7.7                    | 0.0                   | 0.10                  | 0.51                  | 0.71                   | 8.                    | 1.4            | 5.9             | 31500        | 253           | 06:0      | 23.1       | -              | 7.60         | 0.52           | 143              |
|                             | CAS ANALYTI (20)A<br>NUMBUR RESULT UTBU | 7429.90-5 2            | 7440-36-0 2            | 7440-38-2    | Т               | 1.                | П                     |                       | 7440-70-2             | ŀ                      | 7440-47-3              | 7440 48.4              | 7440-50-8              | 7439.89.6             | 7439-92.1             | 7439.93.2             | T         | Τ.                     | 1                     | - 1                   | - 1                   | - 1                    | - 1                   | 7              | - 1             | 7440-23-5    | 7440-24-6     | 7440-28-0 | 7          | Т              | J            | - 1            | 7723-14-0        |
|                             | 5 B                                     | Ę                      | ž                      |              | I               |                   | 1                     | Į.                    | 3                     | ð                      | TAL                    | 7                      | 7.1                    | PTAL                  | Ę                     | ð                     |           |                        |                       | Ž                     | 5                     | 7                      | Ž                     | 4              | Y.              | JY L         | ğ             | Y.        | 5          | 1              | <u> </u>     | <u> </u>       | Y.               |
| # <u>1</u>                  | CODA                                    | SMICTORYA              | SMETGLPTA              | ATATATA PITA | 14 0140         |                   | 3ME                   | SWETCHATA             | SMETCLITA             | SMETHOCLE              | SMITTCLIFTA            | MENCINA                | SMETCLETA              | METGATA               | ATADTHA               | SMETNOCLE             | ATT THEY  |                        | IME                   | METGLIFTA             | SMETNOCL              | SMETTERTA              | SMETTIMA              | SMETCLPTA      | SMETGLITA       | SMETCLPTAL   | SMETNOCLP     | ATADIME   | 000000     | 3Min s         | ATT DISME    | SMETOLITA      | SMETCLFTA        |
| BLANK                       | SAMPLE                                  |                        |                        |              |                 |                   |                       |                       |                       |                        |                        |                        |                        |                       |                       |                       |           |                        |                       |                       |                       |                        |                       |                |                 |              |               |           |            |                |              |                |                  |
| 25.5                        | TOME TO                                 | t                      |                        | 1            | 1               | 1                 |                       |                       |                       |                        |                        |                        |                        |                       |                       | -                     |           |                        | +                     |                       |                       |                        |                       |                |                 |              |               |           |            |                |              |                |                  |
| SAMPLH SAMPLH PROP ANALYSES | DATE DATE TIME<br>MOVIDO/ MOVIDO/ HEL   | TTCA 11/17/90 11/24/90 | TTCA 11/17/90 11/24/90 |              | 11/1/20 11/2/20 | TICA TUTINO TURNO | TCA 11/17/90 11/24/90 | TCA 11/17/90 11/24/90 | TCA 11/17/90 11/24/90 | TTCA 11/17/90 12/04/90 | ITCA 11/17/90 11/24/90 | TTCA 11/17/90 11/24/90 | TTCA 11/17/90 11/24/90 | TICA 11/7/90 11/24/90 | TTCA 11/7/80 11/78/90 | TTC4 1107/80 11/24/80 |           | 11CA 11/11/70 11/04/30 | TCA 11/17/90 11/24/90 | TCA 11/27/90 11/28/90 | TCA 11/17/90 11/24/90 | TCA 11/17/90 11/24/90  | TCA 11/17/90 11/24/90 | 11/27/90       | 11/24/90        | 11/24/90     |               |           |            | 11/24/30       |              | 11/24/90       | 11/24/50         |
| -                           | >                                       | 08/21/1                | 177.90                 | 1            | 2 2             | 2/17              | 06/17/1               | 06/17/1               | 1/1/90                | 1/17/90                | 1/17/90                | 1/17/90                | 1/1/90                 | 1/1/80                | 1/1/80                | 08/20                 | 2         | 20/1/1                 | 17/1/90               | 06/17/1               | 11/17/90              | 06/17/1                | 06/1/11               | TCA 11/17/90 1 | ITCA 11/17/90 1 | TCA 11/17/90 | TICA 11/17/90 | 08/2/10   |            | TCA 11/17/90 1 | TCA 11/17/90 | TCA 11/17/90 1 | TCA 11/17/90 1   |
| s d                         | LAB DATE<br>ID MOUDO                    | Ě                      | T V                    |              | 5               | 3                 | <u>a</u>              | ş                     | 2                     | IICA 1                 | Ş                      | Ş                      | 2                      | TV.                   | Ī                     | į                     |           | 5                      | <u>آ</u>              | 2                     | Į.                    | 2                      | Į                     | 2              | Ž               | ğ            | Ž             | ů.        |            | 3              | ž            | ğ              | ş                |
| 1AB                         | AMPLE                                   | C01111301A             | Continuo               |              | C0[1]130]A      | COLLIENDA         | C01111301A            | C01111301A            | C01111301A            | COULITION              | C01111301A             | C01111301A             | C01111301A             | A10.111.00            | ALIAN A               | 40011110              | COLLINA   | C01111301A             | C01111301A            | C01111301A            | C01111301A            | C01111301A             | C01111301A            | C01111301A     | C01111301A      | C01111301A   | V0111301A     | 410011110 | -01111301A | C01111301A     | C01111301A   | C01111301A     | C01111301A       |
|                             | SAMPLE SAMPLE<br>MATRIX NUMBER          | T                      | !                      | T            | T               | *                 | ***                   |                       |                       | Г                      | 1                      | T                      | Г                      | Т                     | Т                     | Т                     | ٦         | 7                      | Vace                  |                       |                       |                        | West                  | 1              | Γ               | Γ            | Τ             | Т         | 1          | ٦              | ٦            |                | W HAY            |
|                             | BATCH S<br>NUMBER N                     | ,000                   |                        |              |                 | 9010C074 W        | 9010CD74              | \$010C074             | 9010CU74 W            |                        |                        |                        | T                      |                       | T                     | T                     |           |                        | 9010CD74              | 9010Cm4               | 9010C074              | 9010C074               | 9010C074              | 9010CU74       |                 | Γ            |               |           |            |                | 9010C074     | 9010CD74       | 9010C074         |
| NOL                         | 1 H                                     |                        |                        |              |                 |                   |                       |                       |                       |                        |                        |                        |                        | I                     |                       |                       |           |                        |                       |                       |                       |                        |                       |                |                 | L            |               | T         |            |                | ١            |                |                  |
| SAMPLE                      | DATH TIMES                              |                        | 10/24/20               | 102450       | 10/24/90        | 10/24/90          | 10/24/90              | 10/24/90              | 1024/90               | 1004/90                | 1004/80                | 00.00                  | 2000                   | 1                     | 10.24/20              | 10/24/50              | 10/24/90  | 10/24/90               | 10/24/90              | 10/24/90              | 10/24/90              | 10/24/90               | 10/24/90              | 10/24/90       | 1024/90         | 000000       | 10,000        | N/W/m     | 10/24/90   | 10/24/90       | 10/24/30     | 10/24/90       | 10/24/30         |
|                             | SAMPLE                                  |                        | NPS0226WC              | NPS0Z26WC    | NPS0226WC       | NPS0226WC         | NPS0226WC             | NPS0226WC             | NPS0226WC             | NDSOOJEWC              | DWALMANN.              | CHOCOCO IN             | CAN DO TO CAN          | NP30400               | NPS0226WC             | NPS0226WC             | NPS0226WC | NPS0226WC              | NP50226WC             | NP50226WC             | NPS0226WC             | NP50226WC              | NPS0226WC             | NPS0226WC      | NP50226WC       | 7/W2C00204   | NP30220WC     | WOZZOCIN  | NPS0226WC  | NP50226WC      | NP50226WC    | NP50226WC      | NP\$0226WC       |

| 1                     | _                        | Ĺ               |               | ON SCBEEN   | ΣΗ<br>ΙΤΑΙΟΑЯ        | F            | X                 | +         | 1        |            |          | F        | F  |          |          |          | 1                    | $\prod$           | z                |                    |             | Ã,                 |           |                                 |        |
|-----------------------|--------------------------|-----------------|---------------|---|----------------------|--------------|-------------------|-----------|----------|------------|----------|----------|--|----------|----------|----------|----------------------|-------------------|------------------|--------------------|-------------|--------------------|-----------|---------------------------------|--------|
|                       | 15                       | <del> </del>    | 326, 228      | 'ירובר' אמי   | 06/68 <sup>1</sup> S | ├            | -                 | H         | 1        | $\vdash$   | $\vdash$ | ┢        | ╁╴   | ╁        | _        | $\vdash$ |                      | +                 | <b>;</b>         |                    |             |                    |           |                                 |        |
| 3                     | ٩                        |                 | 366 966       | 14, 235, 238  |                      | ╁╌           |                   | $\dot{T}$ | H        | $t^-$      | ┢        | $\vdash$ | +  | 十一       |          | $\vdash$ |                      | +                 | 1                | Ì                  |             | ပ                  |           |                                 |        |
|                       |                          | _               |               | 142MA ,049  |                      |              | 1                 | 1         | -        | T          | $\vdash$ | $\vdash$ | 十  | T        |          |          | +                    | +                 | 1                |                    |             |                    | l         |                                 |        |
| 20/2                  | VΣ                       |                 |               | 8/  | eBoss <b>A</b>       |              |                   | i         | 1        | $\uparrow$ |          |          | T  | T        |          |          | 十                    | 1                 | 1                |                    |             | 111                |           |                                 |        |
| 3                     | 1                        | -               | 0383T_        | DOC IF FIL  | D01                  | Π            |                   |           |          | 1          |          |          | T  | 1        |          |          |                      | #                 | 1                |                    |             | _                  |           |                                 |        |
| M                     | Y                        | 1               |               |   | HZS                  | Π            |                   |           |          |            |          |          | T  |          |          |          |                      | 1                 | 1                | 5                  |             | Ó                  |           | ES                              |        |
| <u>.</u>              | E                        | ,               |               |   | eodq-o               |              |                   |           |          |            |          |          |  |          |          |          |                      | $\prod$           | 1                | SEALS INTACT       |             | SPECIFICATION      |           | S                               |        |
| PROJECT               |                          |                 |               | 5, NO3/NO2, 1   |                      |              |                   |           |          |            |          |          |  |          |          |          |                      |                   | ]                | Z                  | ш           | IF1(               |           | ΡA                              |        |
| g                     | Ξ                        |                 |               | , CI, F, SO4, CO:   | SQT , SST            |              |                   |           |          |            |          |          |  |          |          |          |                      |                   | ] > <sub>-</sub> | ¥ F                | AGREE       | )EC                | ATTACHED  | Se                              |        |
| 7                     | 9                        | 908             |               | PRESERVED N   | СИ                   | L            |                   |           |          |            | Ц        |          | L  |          |          |          | $\bot$               |                   | ONLY             | SE                 |             |                    | AC.       | SIC                             |        |
|                       | <u>L</u>                 | <u> </u>        | oH .r         | , Cs, Li, Sr, Sr  |                      | X            |                   |           | L        |            | Ц        | L        | L  |          |          |          |                      | 1                 | Ж                | à                  | Ö           | 昰                  | ATT       | S I                             |        |
|                       | Ш                        | <b></b>         |               | GRE <b>A</b> SE   |                      | L            |                   |           | L        |            |          | L        | _  |          |          |          |                      |                   | USE              | ST                 | 3/C         | ×                  |           | 15 (                            |        |
|                       | 10                       | <del> </del>    | ·····         |   | NISAIRT              | _            | <u> </u>          | <u> </u>  | _        | L          |          | _        | _  | <u> </u> | Ш        |          | $\bot$               | 1                 | Ř                | ĺΰ                 | Œι.         | RE                 | СОРУ      | E E                             |        |
|                       | 2                        |                 | ·             |   | PEST/PC              | _            |                   | <u> </u>  | <u> </u> | <u> </u>   | <u> </u> | 1        | <u> </u>   |          |          |          | $\bot$               | #                 | 15               | ٥٥                 | LABELS/COCs | TU                 |           | 30B                             |        |
|                       | 19                       | <del> </del>    |               | ···   | BNA-CLF              | _            | $\vdash$          | _         | _        | _          | <u> </u> | 1        | <b> </b> -                                       | _        |          | $\sqcup$ | $\bot$               | #                 | ABORATORY        | PCKG REC'D/CUSTODY | LE          | TEMPERATURE WITHIN | CORRECTED | OTHER PROBLEMS OR DISCREPANCIES |        |
|                       | ∠                        | HCL             | ED WITH       | V PRESERV   | VOA-CLF              | _            |                   | -         | _        | _          | _        | 1        | <u> </u>   | -        | $\sqcup$ |          |                      | #                 | )<br>M           | X.                 | SAMPLE      | МР                 | RRI       | HE                              |        |
|                       |                          | L               |               | C (   | NaZSZO               |              |                   | -         | _        |            |          | 1        | _  | -        |          |          | +                    | #                 |                  | PC                 | \$          | 1                  | ပ္ပ       | 0                               |        |
|                       |                          |                 | ¥  -          | ۷.  | H2S04                | -            |                   |           |          |            | _        | 1        | -  | -        | _        |          |                      | +                 |                  |                    |             |                    |           |                                 | 1      |
|                       |                          |                 | PRESERVATIVE  |   | HNO2                 |              | $\vdash$          | -         | -        |            | _        | -        | -  | $\vdash$ | -        | $\dashv$ | ╬                    | ₩                 | ا پا             |                    | 330         | ρ                  |           |                                 |        |
| 4                     |                          |                 | <u>₩</u>      |   | HOAN                 | 户            |                   | +         | -        | -          | _        | $\vdash$ | lack   | $\vdash$ | -        | $\dashv$ | $\dashv$             | +                 | ▍≜               |                    | 13          | 6200               |           |                                 |        |
| 2                     |                          |                 | ESE           | 202)2   | ZV(CSH               | <del> </del> | Н                 | +         | ┝        |            | _        | $\vdash$ | $\dag \uparrow$                                  | $\vdash$ |          |          | -                    | ╁                 | ATE/TIME         |                    | 6.0         | 90                 |           |                                 | ١      |
| 1                     |                          |                 | R             | 1/Y J Þ 0T (  | COOLEC               | Z            | X                 |           | -        |            | -        | _        | $\dagger \uparrow$                               | $\vdash$ |          | -        | -                    | ++                | ΔA               |                    | 14          | /u/11              |           |                                 | ١,     |
| 9                     |                          | JAIBEC          | STS REC       | SPEC REPOR  | OUT OF               | Z            | X                 |           | -        |            |          |          | $\vdash$   | $\vdash$ |          | -1       | +                    | ††                |                  |                    | "           | 111                |           |                                 |        |
| 4                     | ヹ                        |                 | <b>∀=</b> F   | волир влаг  | A NRUT               |              | $\overline{\sim}$ |           | $\vdash$ |            |          |          | <del>                                     </del> |          |          | $\neg$   | 1                    | 11                | 1                |                    | 7,          | 1                  |           |                                 |        |
| ٩ :                   |                          | d=              | SSIQ 1        | ED=E bO.  | FILTER               |              |                   |           | -        |            |          | 1        | 一  |          |          | _        |                      | $\dagger \dagger$ | 1                |                    | 3           | Con                |           |                                 | (      |
| 1 .                   | 7                        | 4               | (W) 831       | LAW (2) 1103  | MEDIA                | 3            | 3                 |           |          |            |          |          | Г  | H        |          |          | 7                    | 11                | 1                | 2                  | 1           | Test               |           |                                 | 1 8    |
| 1/4 ( // ) A          | 100                      |                 | NEBS          | 3 OF CONTAI   | NUMBE                | 5            |                   |           |          |            |          |          |  |          |          |          |                      | TT                | 1                | 1                  | ν.          | 17                 |           |                                 | 4      |
| 1                     | 2                        | 7               |               |   | ER                   |              |                   |           |          |            |          |          | Π  | 270      |          | $\Box$   |                      | $\Pi$             | ] ≿              | Ą                  | 1.1         |                    |           |                                 | 5      |
| 2 6                   | 503                      | 8               |               |   | SONT AINER<br>TYPE   | 16 914       | 1                 |           |          |            |          |          |  | 1        | \        | İ        |                      |                   |                  | Ŋ                  | 2.          | Z                  |           |                                 |        |
| ַ בַּ                 | 7                        | 4               |               |   | DNTAIN               | 7            | 70.1              |           |          |            |          |          |  |          | 11       |          |                      |                   | <u> </u>         | ž                  | 12          | X                  |           |                                 |        |
| SAMPLEKS              | 1                        | 4               |               |   |                      |              | 72                |           |          |            |          |          |  |          | 7        | _        |                      | Ш                 | RECEIVED BY      | 0%                 | 15          | J.                 |           |                                 | HALMON |
|                       |                          | Jakuden         |               | _   | LOCATION             |              |                   |           |          |            |          |          |  |          |          |          |                      | $\Pi$             | 4                | )                  | 7           | 72                 |           |                                 | Ľ      |
| 1                     | Ų                        | 2               | ~             | トラ  | TA.                  | £ 5          | 13                |           |          |            |          |          |  |          | 7        | ۱ /.     |                      |                   | ш                | 3                  | B           | 3                  |           |                                 |        |
| 1.                    | Loller                   | 4               | 82            | ₹ >   |                      | 44EF         | HIAHV             |           |          |            |          |          |  |          | 9        | 41       |                      |                   | Ξ                | 1700               | 1600        | 14:00              |           |                                 |        |
|                       | - 1                      | 1               | WC-IT OBZ     | ק<br>ק<br>ס   | ļ                    | 1            | -                 | $\vdash$  | _        |            |          | _        | ┞  |          | $\dashv$ | -4       | +                    | +                 | DATE/TIME        | 9                  | ε,          | æ.                 |           |                                 |        |
|                       | y                        |                 | 6             | S   | 8                    | 2            | Ų                 |           |          |            |          |          |  |          |          | 1        |                      |                   | DAT              | 04 9-11            | 1.6-4.      | 11/4/10            |           |                                 |        |
|                       | 5                        | Corp            | 17            | T\<br>JS  | 밀                    | 3            | 3                 |           |          |            |          |          |  |          |          |          | $\backslash \rfloor$ |                   |                  | 1/-1               | ·77         | 10                 |           |                                 |        |
| J                     | A                        | Ü               | )             | ンご  | ž                    | 20           | 26                |           |          |            |          |          |  |          |          |          | $\setminus$          |                   |                  | 2                  |             |                    |           | •                               |        |
| 3                     | 삔                        |                 | 3             | <u> </u>  | IPL 6                | 0            | 63                |           |          |            |          |          |  |          | l        | l        |                      |                   |                  | K                  |             | 12                 | `         |                                 |        |
| , j                   | 호                        | Z               | α             | \\ \delta  \qquad     \qq           \qu | SAMPLE NUMBER        | NP50226WC    | NP54226 W€        |           |          |            |          |          |  |          |          |          | 1                    |                   | >                | 7                  | 03          | 12                 |           |                                 |        |
| -                     | T/P                      | Z               | BE            | G ROCKY FLATS PLACHAIN OF CUSTODY   | <u>`</u>             | <            |                   | -         | -        |            |          | _        | _  | $\sqcup$ | _        | 4        |                      | +                 | 0 8              | 200                | Pi          | H                  |           |                                 |        |
|                       | AC.                      | 101             | $\frac{1}{2}$ | X ₹   | h<br>h               | 5011         |                   |           |          |            |          |          |  |          |          |          |                      | <b>V</b> 1        | 胀                | 16                 | 1           | 7.7                | ~         |                                 |        |
| ž                     |                          | .≺              | Z             | 1 10 1  | 1 5                  | 1 %          | "                 |           |          |            |          |          |  |          |          |          | - 1                  |                   | 5                | W.                 | ١           | N.                 |           | ςŞ                              |        |
| الم<br>الم            | LNC.                     | ن               |               |   | [                    |              |                   |           | _        |            | _        | _        | _  |          |          |          |                      | _1/               | יאנ              | יוא או             |             |                    | •         |                                 | ł      |
| CONTRACTOR 1 Services | SITE CONTACT/PHONE SYNCE | LAB/LOCATION IT | C-O-C NUMBER  | EG&G ROCKY FLATS PLANT<br>CHAIN OF CUSTODY  | DATE/TIME            | 11/1/20      | ĭ                 |           |          |            |          |          |  | $\Box$   |          | $\dashv$ | $\top$               | Νi                | RELINQUISHED BY  | 10                 | 1,1         | 8.1.               |           | REMARKS                         |        |

RADIATION SCREEN z \ O £Η Ra226, 228 Sr89/90, CS137, 0233/234, 235, 238 0 AM241 Pu239/240, GROSS A/B Σ DOC IF FILTERED TOC TEMPERATURE WITHIN SPECIFICATION SZH OTHER PROBLEMS OR DISCREPANCIES PCKG REC'D/CUSTODY SEALS INTACT soud-o Tot Phos, NO3/NOS) NHT SAMPLE LABELS/COCS AGREE CORRECTED COPY ATTACHED TSS, TDS, CI, F, SO4, CO3, HCO3, SI,NO2 LABORATORY USE ONLY **BUESEBAED MILH COH**800 ပ CNMETALS, Cs, LI, Sr, Sn, Mo OIL AND GREASE **TRIAZINES** PEST/PCB-CLP BNA-CLP 8 VOA-CLP) **DRESERVED WITH HCL** Na2S203 PRESERVATIVE ₽OSZH 800 STIPLE OF DATE/TIME НИОЗ HOAN 103/18/21 ZU(CSH20S)S COOLED TO 4 C Y/N OUT OF SPEC REPORTS REQUIRED RENS GNUORA MAUT d=SSIG 10d FILTERED=F 1966-58 MEDIA SOIL(S) WATER (W) SHIPMENT METHOD SAMPLERS 446 NUMBER OF CONTAINERS CONTAINER 40 RECEIVED BY TYPE SITE CONTACT/PHONE Bruce La Rue (303) 40ml 10 -0-C NUMBER WC-17/0/22 (4.FS) LOCATION 100 EG&G ROCKY FLATS PLANT 13,30 CONTRACTOR Lederal Sorvices DATE/TIME メロックスラ CHAIN OF CUSTODY SAMPLE NUMBER 508 dd 580 C LAB/LOCATION IT CON RELINQUISHED BY 1522 1532 6451 DATE/TIME 1528 63. REMARKS

| ) PROJECT # 4/02-4/6    | a   | ABCOEFGHIJKLMNOPO        | ZON'IS               | ), Мо<br>1,ТН СЫ<br>1, Мо | DOC IF FILE  CB-CLP  CB-CLP  GREASE  GREASE  GREASE  GREASE  PRESERVED W  CS, CI, F, SOA, COS  CB-CLP  PRESERVED W  SA, 235, 238  PRESERVED W  SA, 235, 238  DOC IF FILE  TOS NOS NOS NOS NOS NOS NOS NOS NOS NOS N | HNO3  HNO3  HNO3                  |                   | ×       |         | ×     | X         | X        | X      | ×            | ×        |            |  |            | TIME LABORATORY USE ONLY | PCKG REC'D/CUSTODY SEALS INTACT | (ベル) SAMPLE LABELS/COCs AGREE | 0900 TEMPERATURE WITHIN SPECIFICATIONC ▶ | CORRECTED COPY ATTACHED | OTHER PROBLEMS OR DISCREPANCIES |            |
|-------------------------|-----|--------------------------|----------------------|---------------------------|---|-----------------------------------|-------------------|---------|---------|-------|-----------|----------|--------|--------------|----------|------------|--|------------|--------------------------|---------------------------------|-------------------------------|--|-------------------------|---------------------------------|------------|
| LG, EDB. G.Tu           | , , | 766.507                  | d=                   | EB (W)                    | MUMBEI<br>FILTER<br>TURN A<br>OUT OF<br>COOLEC<br>COOLEC  | 2 4,1 XX X                        |                   | 26   XX | DW IXXI |       | 1) WIF XX |          |        | X XX I M /   | 1 W X    |            |  | DATE/TIME  | Ch. 2                    | 1201                            | Jan 10/31/20                  |  | ,                       | METHOD FON EX                   |            |
| LLYDE SAMPLERS LA       | 7 / | LAKUP 503-               | 1 Ochridge , 714     | 122 (5:75)                | PLANT<br>ODY  | CONTAINER CONTAINER LOCATION TYPE | 1011 40,1 1/10/   |         | 2H 7/1  | 9H 7/ | 17 61.    | 17 Pot 1 | 11 Ril | 1 20,11 6.64 | 11 Poly" | 19 74291 A |  | 8Wr 10' 20 | DATE/TIME RECEIVED BY    | 1 sus 351/4                     | <i>₩</i>                      | 13.5 P. Surja                            |                         | COLCHA                          | SHIPMENT M |
| CONTRACTOR FE donal SEX | a   | SITE CONTACT/PHONE DEUCE | LAB/LOCATION IT Cary | -O-C NUMBER WC-ITB122     | EG&G ROCKY FLATS PLANT<br>CHAIN OF CUSTODY  | DATE/TIME SAMPLE NUMBER           | 1250 S418005-741C | 1301    | 1344~   | 1312- | 17380     | 25.5%    | 1/3/6  | 1337         | 1346     | 1420 4 1   |  |            | RELINQUISHED BY DA       | they records                    | 19/26/90                      | 1 Juna Him 10/30/40                      |                         | RKS AFORT RKS                   |            |
| CONTE                   |     | SITE (                   | LAB/L                | <del>-</del> 0-3          | БG  | DAT                               | 1.45 01           | _       |         |       |           |          |        |              |          | >          |  |            | RELI                     | 1/2                             | $\mathcal{K}_{l}$             | H.                                       |                         | REMARKS                         |            |

4/001-00

RADIATION SCREEN Z \ } ۵ Ra226, 228 Sr89/90, CS137, PROJECT . 4002:WA 0 0223/224, 235, 238 Z Pu239/240, Σ B/A 22090 DOC IF FILTERED **TOC** TEMPERATURE WITHIN SPECIFICATION HSS OTHER PROBLEMS OR DISCREPANCIES PCKG REC'D/CUSTODY SEALS INTACT soud-o TOL Phos, NO3/NO2, WHA SAMPLE LABELS/COCs AGREE CORRECTED COPY ATTACHED TSS, TDS, CI, F, 504, CO3, HCO3, SI,NO2 LABORATORY USE ONLY ပ PRESERVED WITH C6H806 METALS, Cs, LI, Sr, Sn, Mo OIL AND GREASE D TRIAZINES PEST/PCB-CLP BNA-CLP B PRESERVED WITH HEL VOA-CLD Na2S203 **PRESERVATIVE** HSSO4 1980 500 DATE/TIME HNO3 HOAN 7-1477AT 0/3/12/0 **SU(CSH30S)S** N/A COOLED TO 4 C 303-366-5824 OUT OF SPEC REPORTS REQUIRED EDB **Я= HSUЯ ОИООЯА ИЯОТ** d=SSIQ 10d FILTERED=F SHIPMENT METHOD MEDIA SOIL(S) WATER (W) 476 NUMBER OF CONTAINERS 10 m X V.X CONTAINER RECEIVED BY SAMPLERS\_ TYPE :-O-C NUMBER WC-176122 (3ª15) LOCATION 5 WOOY SO WC 15WAS 5 1200 EG&G ROCKY FLATS PLANT 54/ Woodward Chyde contractor federal Senice 3 DATE/TIME 277 CHAIN OF CUSTODY 10/20/90 SITE CONTACT/PHONE BLUCE SAMPLE NUMBER (97) LAB/LOCATION ZI RELINQUISHED BY 547 DATE/TIME 15.50 REMARKS

RADIATION SCREEN N / O Sr89/90, CS137, 822, 92268 ۵ 304902 0223/224, 235, 238 0 z Pu239/240, Am241 GROSS A/B Σ **TOC** TEMPERATURE WITHIN SPECIFICATION DOC IF FILTERED OTHER PROBLEMS OR DISCREPANCIES PCKG REC'D/CUSTODY SEALS INTACT SZH ¥ Soud-0 PRO JECT 'soud 101 SAMPLE LABELS/COCS AGREE NO3/NO5) NH4 CORRECTED COPY ATTACHED LABORATORY USE ONLY 204, C03, HC03, SICE PRESERVED WITH C6H806 9 Cs, Li, Sr, Sn, Mo RETALS, OIF AND GREASE ı TRIAZINES <u>د</u> PEST/PCB-CLP 11.601-00,01.001-00 PRESERVED WITH HCL VOA-CLP Na2S203 **PRESERVATIVE** JAPORSS JAPORSS 16-25-11430 H2S04 /#i/ DATE/TIME HNO2 BIRKI HOAN 15,0,75 ZU(CSH20S)S SHIPMENT METHOD [TELD OUT OF SPEC REPORTS REQUIRED A= HSUA QNUOAA NAUT U FILTERED=F I d=SSIQ 10d 202-868-6079 MEDIA SOIL(S) WATER (W) NUMBER OF CONTAINERS wordalass HONY GIVES ググ RECEIVED BY CONTAINER 25 ml al 602 PO/X 1/0d 1001 7/00 TYPE SAMPLERS. eg B LOCATION 80118 Sep 14.87 000119 DEN 19-250 3,3 1486 25111211-01 25 EG&G ROCKY FLATS PLANT DATE/TIME MED CHANGE WAYBU NO BI1472240 C. F. c コルサスムと 20-30-8 CHAIN OF CUSTODY 12005 KII CW00518II SAMPLE NUMBER GU OD STIL ζ. 11000 (2005) SITE CONTACT/PHONE RELINQUISHED BY C-O-C NUMBER 1015 LAB/LOCATION: 1000 1320 CONTRACTOR P. 254 B35 7160 1510 515118-55-01 15/8 DATE/TIME REMARKS 933 2249 255-0 10259 のとうか C149 2259 1000

Z \ } O 2L89/90, CS137, Ra226, 228 ۵ . 7/8 0223/234, 235, 238 0 z PU239/240, AM241 PROJECT . 4002 B/A S2090 Σ **10C** DOC IF FILTERED TEMPERATURE WITHIN SPECIFICATION OTHER PROBLEMS OR DISCREPANCIES SZH PCKG REC'D/CUSTODY SEALS INTAC soud-o Tot Phos, NO3/NO2, NHA SAMPLE LABELS/COCS AGREE CORRECTED COPY ATTACHED 122' 102' CI' L' 204' C02' HC03' 21'NOS LABORATORY USE ONLY CM) PRESERVED WITH COHROG ပ METALS, Cs, LI, Sr, Sn, Mo L OIL AND GREASE TRIAZINES PEST/PCB-CLP BNA-CLP ω COTO-VON D<del>BESEBAED MITH HC</del>L NaZSZOJ **PRESERVATIVE** 10001 HSSO4 DATE/TIME НИОЗ HOAN 15/11/27 12/16 ZU(CSH2OS)S COOLED TO 4 C EDB. OUT OF SPEC REPORTS REQUIRED SHIPMENT METHOD  $\mathcal{F}_{oo}$ 966-58 R= HSUR GNUORA MRUT d=SSIQ 10d FILTERED=F MEDIA SOIL (S) WATER (W) SAMPLERS 4/2 C-NUMBER OF CONTAINERS HOWL Y'M RECEIVED BY CONTAINER 303. TYPE 2-0-C NUMBER WC-ITØ122 (2.45) LOCATION 50x594 1.00m EG&G ROCKY FLATS PLANT DATE/TIME CONTRACTOR Karbin Services CHAIN OF CUSTODY Siradi 44 Pure 90164WC SITE CONTACT/PHONE BLUCE SAMPLE NUMBER RELINQUISHED BY LAB/LOCATION\_ 1247 1344 22/ 8451 1356 9181 DATE/TIME 124 REMARKS 1. K 7

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RADIATION SCREEN

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M51 ZZ 21.5 から 32 ガス 35. RADIATION SCREEN O Sr89/90, CS137, 1682-110 ۵ Ra226, 228 0223/224, 235, 238 0 z PU239/240, AM241 BVA S2099 Σ 10C DOC IF FILTERED TEMPERATURE WITHIN SPECIFICATION OTHER PROBLEMS OR DISCREPANCIES SZH PCKG REC'D/CUSTODY SEALS INTACT ¥ soud-o PROJECT . NO3/NOS/MHA Tot Phos, SAMPLE LABELS/COCS AGREE CORRECTED COPY ATTACHED TSS, TDS, CI, F, SO4, CO3, HCO3, SI,NO2 LABORATORY USE ONLY I PRESERVED WITH COHROG CN O METALS, Cs, Li, Sr, Sn, Mo OIL AND GREASE w 7 TRIAZINES 47 PEST/PCB-CLP BNA-CLP Θ ⋖ VOA-CLP BUESEUNED MITHIACT ž £ NaZSZOJ PRESERVATIVE H2S04 15/21 130 DATE/TIME НИОЗ HOAN 3/6 1,77(1) 71 ZU(CSH30S)S TURN AROUND RUSH =R

COOLED TO A C Y/N

REQUIRED STATEMENTS

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TORK AROUND EDA 303-566 FILTERED=F) <del>d=SSI0-10</del>a SHIPMENT METHOD SAMPLERS 41/26 SOIL(S) WATER (W) NUMBER OF CONTAINERS CONTAINER RECEIVED BY 40ml Vial 10.11 V.nl Pol TYPE 9 D 2-0-C NUMBER IVC -ITO/22 (1015 LOCATION n Pre Siv# 94 748WZ EG&G ROCKY FLATS PLANT DATE/TIME CONTRACTOR Locking Som tes 3 CHAIN OF CUSTODY 13.40 ₹ -7 10/10/ いこうダイチウェ Bruce SAMPLE NUMBER クシグ 00 44020 SITE CONTACT/PHONE \_ ń RELINGUISHED BY LAB/LOCATION 1303-1222 056/ 7257 0:51 1314 3/6 1316 DATE/TIME 1251 33 REMARKS

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| 3 1º                                   | ļ  |                 | 32/234, 235,   |                   |                     | 11            | -1-1           |        |   |          | 11                      |  | 1              |                                      |                    | -                  | - {                     |                |                       | -        |
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| #\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ |  | 100             | 8/A 220  |                   |                     |               |                |        | 1-1                                     | _        | 4-                      |  | ł              |                                      |                    | _' ]               |                         |                |                       | -        |
| 7 /                                    | . 03   | R FILTER        | C DOC  | 01                |                     |               |                |        | 14                                      | _        |                         |  | -              | \ <u></u>                            | 1 1                | ō<br>N             | 1                       | ES             | 1                     |          |
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|  | _  |                 | <b>(</b> soud  |                   | 1_12                | 4             |                | ╀      |   | -        | +                       | <del>                                     </del> | 1              | N Z                                  | w                  | ) <u>.</u>         |                         | EPA            |                       |          |
|  |  | PHN (201        | 1/20N ,20A9  | 01                | $\vdash \downarrow$ |               |                | ┼┼     |   |          | $\dashv$                | 11   | 1≻             | SEALS                                | AGREE              | SPECIFICATION      | CORRECTED COPY ATTACHED | DISCREPANCIES  | 1                     |          |
| PROJECT                                | ZON(IS'E   | d, СОЗ, HCO     | 5, TDS, CI, F, SO  | SI)               | 1-1                 | <del>~</del>  | $\vdash\vdash$ | ┼┼     |   | -        | +                       | 11   | S N            | SE                                   | 1                  |                    | IAC                     | 013            | 1                     |          |
| 리티                                     | 5 908H93   | HTIW 03/        | (0.72700   | CN                | ╁╌┼                 |               | X              | ++     | 1                                       | 11       |                         |  | <u>ال</u> يا [ | Ìè                                   | 000                | 王                  | A                       | A<br>R         | .                     |          |
|  | u.   | (om, ns, n      | FALS, Cs, L1, S  |                   | ┼┼                  |               | 4              | ++     | $\neg \vdash$                           | $\Box$   |                         |  | LISE           | ST(                                  | 10/5               | 3                  | ĭ₫                      | ΩS             |                       |          |
| 1 [                                    | ш  |                 | AND GREASE   |                   | ┼╌┼                 | $\dashv$      | 1              | 11     |   |          |                         | $\Box$   | <b>_</b>   ≧   | :   <sup>ट्</sup>                    | BEL                | \                  |                         | 1 8            |                       |          |
| 1 1                                    | 의  |                 | T/PCB-CLP  |                   | +-+                 | 十             | 11             |        |   |          |                         | 4-4  | 45             |                                      | \                  | AT                 | 13                      | g              | - 1                   |          |
| 1 F                                    | 의  |                 | -CLP   |                   | +-+                 | $\neg \vdash$ |                |        |   | _        |                         | 4-+  | VEODATORY      | PCKG REC'D/CUSTODY                   | SAMPLE LABELS/COCS | TEMPERATURE WITHIN | 1 H                     | OTHER PROBLEMS | ļ                     | 1        |
| 1 1                                    | <u> </u>   | · · · · · · · · |  | <del></del>       | M                   |               |                |        |   | 4        | -                       |  | <b>-</b>   ₹   | ֝֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓ | Ψ                  | 픕                  | 8                       | E              | - 1                   |          |
| 11                                     | < I JOH HI   | ERVED WI        |  |                   |                     |               | 1-1-           |        |   | ┼        | ╁╌┼╴                    | ┵  | ┪-             | ٥   د                                | -   م              | \ \ \ \ \ \ \      |                         |                |                       |          |
|  | <u> </u>   |                 | 2502   |                   |                     | 1             | 1-1-           |        | $\vdash$                                | +-       | ++                      | ++   |                | _                                    | ۸ ،                | - 2                | 3                       |                | S                     |          |
| l                                      |  | PRESERVATIVE    |  | SZH               |                     | 1-12          | <del>}  </del> |        | ++                                      | +        | ++                      | -  | <b>-</b>       | 벌                                    | 0000               |                    | হ                       | 1 1            | ExPPess               |          |
|  |  | <b>\$</b>       |  | ONH               |                     | ╀             | +4             |        | $\vdash$                                | $\dashv$ | 11                      |  |                | DATE/TIME                            |                    | 37                 | N-                      | 1              | 4                     |          |
| 9                                      | !  | m               | 7<br>2H302)2   | OAN               |                     | $\vdash$      | ╂              | - -    | 1-1                                     | 1        | 11                      |  |                | ¥                                    | 1-15-20            | r' - I             | 7                       |                | الآا                  |          |
| 씽                                      |  | <u></u>         |  |                   | <del>- </del> >     | 杕             | kk             | _      | 11                                      | 1        |                         |  |                |                                      | ig .               |                    | 8                       |                | 0.                    |          |
| <u>ଧ</u>                               |  | } 1577          | OF SPEC REF  |                   | $\dashv$            | **            |                | 1      |   |          |                         |  | 나              | $\neg \uparrow$                      | 1                  | 7                  |                         |                | ועון                  |          |
| ASH/LIESUECD                           |  | 75 PE           | I AROUND RU  | TURA              |                     | 1-1           | 11             |        |   |          |                         |  | H              | 1                                    | 1                  |                    |                         |                | 11                    |          |
| 京                                      | d=   | SSIQ 100        |  | FILTE             |                     | 山             | 山              |        | 1-1                                     | _        |                         | -  | +              |                                      | 37                 | _                  |                         |                | 8                     |          |
| . स                                    |  | ATER (W)        | M (\$)710\$ Y  | NEDT              |                     |               |                | 4      | 4-4                                     | +        |                         | ╂╌╂╌   | +              | \$                                   | >4                 | 4                  | 7                       | 1              | SHIPMENT METHOD       |          |
| DARR                                   | 60<br>60<br>60<br>70<br>70<br>70<br>70<br>70<br>70<br>70<br>70<br>70<br>70<br>70<br>70<br>70 | VINERS          | ER OF CONT.  | BMUN              |                     | 4=1           | = =            | -      | +                                       | -        | +                       | ++   | +              | >                                    | `                  | <b>一</b> 皮         | 3                       |                |                       |          |
| 4                                      |  |                 |  | EB                | 3                   | 滿기            | <u>: 15,</u>   | -      |   |          | -                       |  |                | 8                                    | 3                  | 7                  | \$                      | )              |                       |          |
| , J                                    |  | র ধ্র           | 00   | AN<br>PE          | ١١١)                | L POLY        | 10 Poly        |        |   |          | 1                       | 11   |                | <u> </u>                             | 1                  |                    | A                       | X              | 기돌                    |          |
| SAMPLERS                               |  | 多記              | 70.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0 | CONTAINER<br>TYPE | JOSHIC POLY         | L POLY        | 250 me Pery    |        |   |          |                         |  | 11             | RECEIVED BY                          | S                  | 1/17               | 沙                       |                | 기동                    |          |
| <u>A</u>                               |  | The             | 70-  |                   | +                   | 1             |                | $\Box$ |   |          |                         | 11   |                |                                      | _}                 | 4                  | <del></del>             | 十分             | 1-1                   |          |
| ું જે                                  |  | 1691            | _  | LOCATION          | 0-                  | 1             |                | 1 1    | 1                                       | 1 1      |                         | 11   |                | 띹                                    | 1700               | 1026               | 5                       |                | 7                     | •,       |
|  |  | 日本              | Z  | Ϋ́                | 389                 | +             | ++             | 1 k    | 1                                       |          |                         | 11   | 1              |                                      |                    |                    | 4                       | 니강             | 121                   |          |
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|  | [ ] K  | 99              | G ROCKY FLATS PLACHAIN OF CUSTODY                            | α                 |                     | 1             |                |        |   | 1        |                         | 11   |                | ۵                                    | 2                  | 7                  | 1730kg                  |                | 77                    | i        |
|  |  | 1 1             | 7.5<br>3.T   | 18E               |                     | 1             | 11             |        |   |          | 11                      | 1. 1   |                | -                                    | -                  | -7                 |                         |                | コビ                    |          |
| - : \                                  |  |                 | \[\{\zeta\}_{\zeta}\]  |                   |                     | 1             | 11.            |        |   |          | 1 1                     | 11   |                |                                      |                    | 1.                 | j                       | 1              | 1118                  |          |
|  | ." [   |                 |  | LL.               | 1 8                 |               | 11             | 习      | 11                                      | 1        | 1 1                     | 11   |                |                                      |                    | 12                 | :-                      | -              | $-1\overline{\alpha}$ | <b>\</b> |
|  | ¥  |                 | > 0  | S AMDI F NUMBER   | 50 CO 495I          |               | 11             |        |   |          | 1 1                     |  |                | \ <u>\</u>                           | 9                  | 2                  |                         |                |                       |          |
|  | 모  | ER              | Y Z  | U                 | 3 40                |               | 1,1            |        | $\vdash$                                |          | ╁╾╁                     | $\dashv$   |                | <b>ㅓ</b> 읍                           | 13                 | 1                  | ( 3                     |                | 13                    |          |
|  | Z  | <u>6</u>        | Ŏ Z  |                   |                     | 1 :1:         | 12             | 50     | 1 1                                     |          | 1 1                     |  |                | IS.                                  | 1                  | 13                 | 200                     |                | 2                     |          |
| a c                                    |  |                 | 二二二  | 1 2               | 757                 | 길             | 题3             |        |   |          | $\downarrow \downarrow$ |  |                | 니 <u>할</u>                           | 7.73               | 1                  | , 5                     |                | φ   Ψ                 | 1        |
| ר<br>ב                                 | ָר אַ<br>אַר אָס ל   | υ               | ا هي   | ;                 |                     |               | -1-1           | T      | $\prod$                                 |          |                         |  |                | REL INOUISHED BY                     | 12                 | 1.7                | di                      |                | REMARKS VALABOLL DO   |          |
| ROLLAGION                              | SITE CONTACT/PHONE   | C-O-C NUMBER    | EG&G ROCKY FLATS PLANT<br>CHAIN OF CUSTODY                   |                   | 102370 1242         | 06 4201       | 25 20i         | 一      | 11                                      |          | 11                      |  |                | <u> </u>                             | 1.5%               | 77                 | <u> </u>                | 1              | 412                   | 1        |
| į                                      | SIT  | ينا ا           | ٦. ٣   |                   | 1                   | -1 의          | हा ह           |        | ـــــــــــــــــــــــــــــــــــــــ |          |                         |  |                |                                      |                    |                    |                         |                |                       |          |
|  |  |                 |  |                   | 2                   | •             |                |        |   |          |                         |  |                |                                      |                    |                    |                         |                | d                     | <b>₹</b> |
|  |  |                 |  |                   |                     |               |                |        |   |          |                         |  |                |                                      |                    |                    |                         |                | •                     | •        |
|  |  |                 |  | •                 |                     |               |                |        |   |          |                         |  |                |                                      |                    |                    |                         |                |                       |          |

| 204902<br>220) PROJECT = 304902 [AIBICIDIE]FIGHHIJJKILMIOPO | ЕО WITH HCL.<br>, МО<br>, МО<br>, МО            | P) PRESERVE<br>POC IF FIL<br>PRESERVED W<br>S. CI, F. SO4. CO3<br>S. CI, F. SO4. CO3<br>S. CI, F. SO4. CO3<br>S. CI, F. SO4. CO3<br>S. CI, F. SO4. CO3<br>S. CI, F. SO4. CO3<br>S. CI, F. SO4. CO3<br>S. CI, F. SO4. CO3<br>S. CI, F. SO4. CO3<br>S. CI, F. SO4. CO3<br>S. CI, F. SO4. CO3<br>S. CI, F. SO4. CO3<br>S. CI, F. SO4. CO3<br>S. CI, F. SO4. CO3<br>S. CI, F. SO4. CO3<br>S. CI, F. SO4. CO3<br>S. CI, F. SO4. CO3<br>S. CI, F. SO4. CO3<br>S. CI, F. SO4. CO3<br>S. CI, F. SO4. CO3<br>S. CI, F. SO4. CO3<br>S. CI, F. SO4. CO3<br>S. CI, F. SO4. CO3<br>S. CI, F. SO4. CO3<br>S. CI, F. SO4. CO3<br>S. CI, F. SO4. CO3<br>S. CI, F. SO4. CO3<br>S. CI, F. SO4. CO3<br>S. CI, F. SO4. CO3<br>S. CI, F. SO4. CO3<br>S. CI, F. SO4. CO3<br>S. CI, F. SO4. CO3<br>S. CI, F. SO4. CO3<br>S. CI, F. SO4. CO3<br>S. CI, F. SO4. CO3<br>S. CI, F. SO4. CO3<br>S. CI, F. SO4. CO3<br>S. CI, F. SO4. CO3<br>S. 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|---|---|--|---|---|------|------|------------|---|--|--|--|---|---|---|-----------------------------------|-------------------------|---------------------------------|---|--|
| (B)   | 15 REQUIRED 16 REQUIRED 17 REQUIRED 18 REQUIRED | AOF CONTAIN<br>SOL(S) WATE<br>SOL(S) WATE<br>SOL(S) WATE<br>SOL(S) WATE  | HS204 HMO2 TMO2 TMCSH ONT OF COOLE TURN HEDIA   | + | 1433 | 7247 | )     <br> | 7 |  |  |  | RELINGUISHED BY DATE/TIME RECEIVED BY DATE/TIME | 21. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1 | 1. 10. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. | 12:30 F. Much                     |                         | REMARKS 1/1 11/00 K             | WARTSIL NO BILLT22140 SHIPMENT METHOD FED EXPRESS |  |

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|-------------------------------------|-------------------|----------------------------|--|---|---|-----------------------------|-----------------|--------------------|--|--------------------------------------|--|--|---------------------|---------------------------------|---|---|---------------------------------|--|
| TT CORP SAMPLERS DARRAGH (LIESU/ELD | 303 966-6074      | d=S9<br>(M)                | ) A3TA<br>210 TO:<br>A= H2I<br>2TAO:           | H2OS)S<br>ED TO 4 C 1<br>ED SEC BED<br>BESEC BED  | HSZO<br>HNO2<br>HNO3<br>COOL<br>OUT C<br>OUT C<br>OUT C   | 2 Gu 00 57.5 0682 10 mellon | 1303 40m. 9/00. | 1323<br>250 milley | 1, 1, 3, 3 () (1 X X X X X X X X X X X X X X X X X X | 12 0730 G1300438IT1 10082 40mc9455 2 |  |  | $  \   $            | ·                               | 12til Tund 101590 1700 Withwelplan 10258 1700 | 20 200 1 1 20 2 13.30 Tadwooder 103/20 1000 |                                 | Wayer DO BIN 722140 SHIPMENT METHOD FELD EXPLESS |

RADIATION SCREEN z \ ΣН Sr89/90, CS137, R3226, 228 ۵ 0223/224, 235, 238 4000 -0 PU239/240, AM241 Ζ GROSS A/B TEMPERATURE WITHIN SPECIFICATION **10C** DOC IF FILTERED OTHER PROBLEMS OR DISCREPANCIES PCKG REC'D/CUSTODY SEALS INTACT HSS soud-o SAMPLE LABELS/COCS AGREE CORRECTED COPY ATTACHED 101 Phos, NO3/NOS MHE ABORATORY USE ONLY CI' E' 204' CO2' HCO2' 21'NOS I СИ PRESERVED WITH COHBOG ပ METALS, Cs, L1, Sr, Sn, Mo OIL AND GREASE TRIAZINES PEST/PCB-CLP CONTRACTOR MED DIVARD Clyde SAMPLERS E, Miller / E. BANCO/L, EARLY BNA-CLP 8 VOA-CLP NaZSZOJ SHIPMENT METHOD FROUND CABULD **PRESERVATIVE** 17 H2S04 DATE/TIME H<sub>M</sub>O<sub>3</sub> (C. 1)77/11 HOAN ZU(CSH20S)S COOLED TO 4 C N/A OUT OF SPEC REPORTS REQUIRED A= HSUA ONUOAA NAUT allo-5874 Ī FILTERED=F d=SSIQ 10d 3 MEDIA SOIL(S) WATER (W) NUMBER OF CONTAINERS RECEIVED BY CONTAINER 4001 Visi SOM TYPE 40m Darridge TN LARME COCATION بن پز 19299 1153 DATE/TIME SANO. EG&G ROCKY FLATS PLANT ري 11 [1] -0-C NUMBER 1V C-IT 0/23 CHAIN OF CUSTODY SITE CONTACT/PHONE ISTUCE Siv 424536x SAMPLE NUMBER (,,,,, 000 11 REL INQUISHED BY LABILOCATION 88.36 みどうと 395 1550 5 ( s.) 2512 1956 1.51.9 1560 1,362 REMARKS DATE/TIME 

|            |                     |  |              |                  |  |   |                    |                 |                  |          |  |  |            |  |             | _         |              |  |            | 1                 | 1                  | T-                   |                 |                |                   |         |
|------------|---------------------|--|--------------|------------------|--|---|--------------------|-----------------|------------------|----------|--|--|------------|--|-------------|-----------|--------------|--|------------|-------------------|--------------------|----------------------|-----------------|----------------|-------------------|---------|
| _          |                     |  |              |                  | ON SCBEEN                                  |   | 1_                 | 凶               | $\dashv$         | _        | _  | _  | 4          | 4  | _           | 4         |              | 4  | 1          | z                 | l                  |                      |                 |                |                   |         |
| Λ          | 0                   |  |              |                  |  | НЗ  | 4—                 | Ш               | _                | _        | 1  | _  | _          | _  | _           | _         | _            | _  | - -        | ;                 |                    |                      |                 |                |                   |         |
| <b>/</b> [ | ۵.                  | 8  | 22 '9        | 3226             |  | ,06/6812                                  |                    | Ш               | _                | $\dashv$ | _  | $\dashv$   | _          | _  | _           | _         | _            | $\bot$   | <u> </u>   | -                 |                    | 1                    | ں ا             |                |                   |         |
| ∝[         | 0                   |  |              | 8                | 1, 235, 238                                | 0233/23                                   |                    |                 |                  | $\dashv$ | _  | $\perp$  | _          | $\bot$   | _           | $\dashv$  | _            | _  | 1          | 4                 | }                  | 1                    |                 |                |                   |         |
|            | Z                   |  |              |                  | 10, AM241                                  | Pu239/2                                   | $oldsymbol{\perp}$ |                 |                  |          | $\perp$  |  |            | $\perp$  | _           | $\dashv$  | $\perp$      | $\bot$   | 1          | 4                 |                    | 1                    |                 |                |                   |         |
| A          | Σ                   |  |              |                  | 8  | NA SZORÐ                                  |                    |                 |                  | $\bot$   |  |  | $\bot$     |  |             | $\perp$   | $\dashv$     | _  | <u> </u>   | 4                 |                    |                      |                 |                |                   |         |
| Ì          | ر                   |  | BED          | 3171:            | DOC IF F                                   | 201                                       |                    |                 |                  |          | $\Box$   |  |            |  |             | $\bot$    | $\dashv$     | $\bot$   | 1          | 1                 |                    |                      | ١z              |                | (0                |         |
| Ì          | ¥                   |  |              |                  |  | HSS                                       |                    |                 |                  |          |  |  | $\perp$    | $\perp$  | _           |           | $\perp$      | $\bot$   |            | 4                 | ACT                | 1                    | SPECIFICATION   |                | DISCREPANCIES     |         |
| ı          | ſ                   |  |              |                  |  | soud-o                                    |                    |                 |                  |          |  |  |            | $\times$   | _           |           | $\perp$      | $\bot$   |            | 1                 | IN /               | 1                    | 2               |                | VV.               |         |
| Ì          | _                   |  |              | PHM(             | NO3/NOS                                    | tot Phos,                                 | )                  |                 | Ĭ.               |          |  |  |            |  |             | $\bowtie$ |              | $\perp$  |            | 1                 | S                  | <u>بير</u> [         | 18              |                | EP,               |         |
|            | H                   | ZON'IS   | :02          | 03' H            | CI, F, SO4, C                              | tss, tos, c                               |                    |                 |                  |          |  |  |            | $\times$   |             |           |              |  |            | _  ≻              | SEALS              | AGREE                | PE(             | ATTACHED       | S.                |         |
| Ì          | 9                   | 9081   | 193.1        | +T+W             | RESERVED                                   | СИ Ъ                                      |                    |                 |                  |          |  |  |            |  | $\boxtimes$ |           |              | $\perp$  | <u></u>    | J N               | SE                 | <b>∀</b>             |                 | \<br>V         | S = 0             |         |
| 1          | 4                   | i  | 0            | M'us             | Cs, Li, Sr,                                | METALS, (                                 |                    |                 |                  | Î        |  | X  | X          |  |             |           |              |  |            | س [               | Ìà                 | Ιö                   | <del>=</del>    |                | g                 |         |
|            | 3                   |  |              |                  | SEA38                                      | OIF AND G                                 |                    |                 |                  | $\neg$   | X  |  |            |  | $\neg$      |           |              |  |            | USE               | 150                | 1 %                  | WITHIN          |                | 15 (              |         |
|            | 0                   | <b></b>  | ,            |                  | Ş  | TRIAZINE                                  | 1                  | $\top$          |                  |          |  |  |            |  | $\neg$      |           |              | $\Box$   |            |                   | 3                  | 13                   | Į į             | l ë            |                   |         |
| Ì          | J                   | <del>                                     </del> |              |                  | d70-                                       | PEST/PCB                                  |                    | $\top$          | X                |          |  |  |            |  |             |           |              | T  |            | Ō                 | <u> </u>           | AB A                 |                 | l a            | 80                |         |
|            | 8                   | <b></b> -  |              |                  |  | BNA-CLP                                   |                    | $\vdash$        |                  | X        |  |  |            |  |             |           |              |  |            | ABORATORY         | 1 22               | <u> </u>             | \X              | 15             | æ                 |         |
|            | ΙV                  | 7200   |              | 224              |  | 10-40/                                    | $4^{\times}$       | 1               |                  |          |  |  |            | _  | 7           |           | X            | $\neg$   |            |                   | 9                  | 卓                    | 191             | RE I           | 쮸                 |         |
| ۱ (        |                     | 13111  | יינו בי      | O 3/M            | <del>, PRESER</del>                        | (8 13-40)                                 | 4                  | +               |                  |          |  |  |            | _  |             |           |              | 寸  |            | 7 ₹               | PCKG REC'D/CUSTODY | SAMPLE LABELS/COCs   | TEMPERATURE     | CORRECTED COPY | OTHER PROBLEMS    |         |
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|            |                     |  | IVE          | <b>-</b>         |  | 4520¢                                     |                    | +-              |                  |          | abla   |  |            | _  |             | X         |              |  | 1          |                   |                    | 1                    | 8               |                | -14               |         |
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|            | 1                   | าวหากถ   | HE           | <u> </u>         | DEC BEDC                                   |   |                    | J               | k                | X        | ΧĽ   | X  | X          | X  | X           | X         | X            | X  | 7          | 7                 | ┦—                 | -                    |                 | <b> </b>       |                   | \       |
| ١,         | , F                 |  |              |                  | ONND BNS                                   |   | `                  | +               | $\vdash$         |          |  |  |            | 7  |             |           |              |  | $\top$     | $\exists$         |                    |                      | ١ ١             |                |                   | (       |
| ` ;        | $^{\uparrow}$       | d:   |              | 0 10             |  | ורבנים                                    |                    | ╁╾              | ╁                |          | -  |  | Ĭ          | -  |             | -         |              |  | $\top$     | H                 | 1                  | 6                    | -               |                |                   | \       |
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| 0          | 7 7 7               |  |              |                  | L  | 5   | 3 9                | 7               |                  |          |  |  |            |  |             |           |              |  | Photo      |                   | 13                 |                      |                 |                | 1十                |         |
| ,          | اد                  | Ì  |              | _                | Z  | NOTE                                      | 5   5              | 21267           | ╁╴               | $\vdash$ | 一  | <del>                                     </del> | 一          | <del> </del>                                     | -           | -         | <del> </del> | K  | 17         | E                 | 12                 | 1                    | \(\frac{1}{2}\) |                |                   |         |
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| Ì          | Druce               | $\mathcal{L}$                                    | 1,           | 9                | S  | ü   | 5 \                |                 |                  |          |  |  |            |  |             |           | 15           |  |            | 2                 | 127                | ` _;                 |                 |                | 学                 |         |
| {          | 2                   | COR  | ì            | 7                | F.S  | Σ   | <u> </u>           | ?               |                  |          |  |  |            |  | ļ           |           | اج           |  |            |                   | 13                 | 13/                  | \ \ \           | -              | 12                | 1       |
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|            | Ĕ                   | H  |              | T I              | SZ   | ) ù                                       | SAI IFEE INGI IDEN | 7               |                  |          |  |  |            | L  |             |           | <u>[3</u>    |  | Ш          |                   |                    | 4                    |                 | =              | 1                 |         |
|            | SITE CONTACT/PHONE_ | LAB/LOCATION Z                                   | . [          | L-O-C NUMBER WC- | EG&G ROCKY FLATS PLANT<br>CHAIN OF CUSTODY |   |                    |                 | 10               | 1.0      | 1  |  | 1,         | 1  | 120         | 12        | 8            | 13   | $\prod$    | DEL INOLLISHED BY | 12                 | <b>]</b>             |                 |                |                   | 1       |
| 5          | FAC                 | Ę  |              | $\bar{z}$        | 区 子  | 7   | ٠ ا ا              | 377             | 246              | 1545     | 338  | 380  | 1335       | 35   | 14/17/03    | 135.13    | 336          | 330  | $\  \  \ $ | 1 0               |                    | 7                    |                 |                | 15                |         |
| ?          | RO                  | Ž  |              | <b>5</b> ,       | ကွ ပ                                       | [   | = 13               | 4               | :12              | <u> </u> | 15   | 15,  | 1=         | (2)  | 1/2         | 13        | 45           | 4-   | ╁┤         | ┧ 5               |                    | 3                    | 11              | प्             | A X               |         |
|            | ŭ                   | 75   |              | Ĭ                | (C)  |   | !                  | 1,330           |                  |          |  |  |            |  |             | 1_        |              | 7  |            |                   | >                  | Ŋ                    | `∄7 ;           | 1              | REMARKS (         |         |
|            |                     | <b>₽</b>   | 1 '          | 7                | ш ·  | 1 8                                       | 3 1                | ্ৰা –           | 1-               | 1-       | +-   | +-   | +-         | 1  | 1           | Τ         | T            | T  | 1 I I      | l a               | <i>[</i> ] (       | 7 6                  | 7 /             | 7              | 2                 |         |

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|--------------------------|-------------|--------------------|---------------|--------------|--------------------------------------|-------------------|---|------------|--------------|---------------------|----------|----------|----------|----------|------------|-----------------|----------|--------|--|--------------|---------------|--------------------|----------------------------------|----------------|---------------------------------|------------|
|                          |             | لے                 |               |              | 1 SCBEEN                             | OITAIDAR          | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ |            |              |                     |          |          | 凶        | $\dashv$ | $\dashv$   | <u>X</u>        | _ _      | 1_     |  | z            |               |                    |                                  |                |                                 |            |
|                          | 1/          | 0                  |               |              |                                      | НΣ                |   |            |              |                     |          |          |          |          |            | $\bot$          |          |        |  | -            | _             |                    |                                  |                |                                 |            |
| CV                       | 1           | ۵                  | 82            | 26, 22       |                                      | Sr89/90, C        |   |            |              |                     |          |          |          |          |            |                 |          |        |  | >            |               |                    |                                  |                |                                 |            |
| 304902                   | Œ           | 0                  |               |              | 235, 238                             | U233/234,         |   |            |              |                     |          |          |          |          |            |                 |          |        |  |              |               |                    | 9                                |                |                                 | - 1        |
| Ω)                       | Λ           | z                  |               |              | 142mA (                              | Pu239/240         |   |            |              |                     |          |          |          |          |            |                 |          |        |  |              |               |                    |                                  |                |                                 |            |
| 7                        |             | Σ                  |               |              |                                      | 8/A 22090         | $\Gamma$  |            |              |                     |          | $\neg$   | $\Box$   |          |            | $\neg$          | T        |        |  |              |               |                    |                                  |                |                                 |            |
| S.                       |             |                    |               | 0383.        | DOC IF FILT                          | <b>30T</b>        | T   |            |              |                     |          |          | ٦        |          |            |                 | T        |        |  |              |               |                    | 7                                |                |                                 |            |
|                          |             | X                  |               |              |                                      | HSS               | 1   |            |              |                     |          |          |          | $\neg$   |            | 寸               |          | 1      |  | •            | 10            |                    | io.                              |                | ES                              |            |
|                          |             | 7                  |               |              |                                      | (soud-o           | 1   | X          |              |                     |          | 1        | 7        |          | $\neg$     | 1               | $\neg$   | 1      |  |              | INTACT        |                    | .AT                              |                | Ş                               |            |
| / , , ,                  | 1           |                    | ···           | bl           | NO3/NOS) NH                          | 'soud 10 Iv       | T   |            | $\nabla$     |                     |          | 寸        | 7        | $\neg$   | _          | _               | 十        | +      |  |              | Z             |                    | FIC                              |                | Α¥                              | į          |
| ` 2                      | 1           | I                  | ZONÁS         |              | , F, SO4, C03,                       |                   | 1   | $\searrow$ |              |                     |          | $\dashv$ | 1        | 7        | 一          | $\dashv$        | ┪        | +-     |  |              | SEALS         | AGREE              | ECI                              | ED             | REI                             |            |
| ` 2                      | 1           | 5                  |               |              | ESERVED WIT                          |                   | +   |            | -            | -                   | V        | -        | ┪        | -        |            | ┰┼              | 十        | +-     | +-   | ONLY         | ξΑ            | AGI                | SP                               | ATTACHED       | SC                              |            |
| } ,                      | İ           | $\vdash$           | 3001          |              | רו <mark>י צר בט</mark> ר            |                   | 1   | -          | ┝            | $\overline{\nabla}$ |          | -        | +        |          | $\dashv$   | $\dashv$        | ╁        | +-     | +-   | ō            |               | S                  | 프                                | Ţ              | ۵                               |            |
| ``                       |             | -                  |               |              |                                      | OIF AND GE        | ╁   | $\vdash$   | <del> </del> | $\triangle$         | $\vdash$ | -        | -        | {        |            | $\dashv$        | +        | ╫      | ╀╌   | USE          | go l          | 00                 | H                                |                | 8                               |            |
| 3                        |             | 1                  |               |              |                                      | TRIAZINES         | ┼   | <u> </u>   |              | -                   |          | -        | -        |          |            | -               |          |        | -  | •            | ıSı           | .5/                | 3                                | λd             | MS                              |            |
|                          | 1           | 10                 |               |              |                                      |                   | $\vdash$  | _          |              |                     | $\vdash$ |          | -        |          |            | }               | 4        |        | -  | 8            | 10/           | 3EL                | JRE                              | ပ္             | J.E                             |            |
| Ø.                       |             | 12                 |               |              | 9 13.                                | PEST/PCB-         | -   | L.         |              |                     |          | _        | 4        |          | _          | _               | - -      | -      | ╄-   | ABORATORY    | REC'D/CUSTODY | SAMPLE LABELS/COCs | TEMPERATURE WITHIN SPECIFICATION | CORRECTED COPY | OTHER PROBLEMS OR DISCREPANCIES |            |
| $\dot{g}$                | l           | 18                 |               |              | ····                                 | BNA-CLP           | <del> </del>  |            |              |                     |          | _        | _        | _        | 4          | _               |          | 4_     | <u> </u>   | æ            | æ             | LE .               | ER/                              | CT             | <u>1</u>                        |            |
| <del>-</del>             |             | ∠                  | א אכר.        | TIW O        | PRESERVE                             | MOA-CLB           | 权   |            |              |                     |          | $\perp$  | $\dashv$ | $\perp$  | 즤          | _               | $\perp$  |        | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ | BO           | PCKG          | МР                 | МР                               | RRE            | 皇                               |            |
| (91.001-9)               |             |                    |               |              | البطارة المالي بيراج على عاملانا الم |                   |   |            |              |                     |          | $\perp$  | $\bot$   |          |            |                 |          |        |  |              | DG.           | SA                 | TE                               | ප              | 0                               |            |
| J                        | 1           |                    | !             | w L          |                                      | Na2S203           |   |            |              |                     |          | $\perp$  | $\bot$   |          | $\perp$    | $\perp$         | $\perp$  |        |  |              |               |                    |                                  |                |                                 |            |
|                          |             |                    |               | PRESERVATIVE | ·                                    | H2S04             |   |            | $\geq$       |                     |          | $\perp$  |          |          |            |                 | $\perp$  |        |  | 1            | 2             | = 2                | 8                                |                |                                 |            |
|                          |             |                    |               | ۶L           |                                      | ниоз              | 上   |            |              | $\times$            |          | $\perp$  |          |          |            |                 | $\bot$   |        | 1  | DATE/TIME    | Oper          | 1.7                | 7                                |                |                                 | CKAPESS    |
| J                        |             |                    |               | # L          |                                      | HOAN              |   |            |              |                     | X        |          |          |          |            |                 |          |        |  | ] 5          |               |                    | 777                              |                |                                 | Ø          |
| Kreffe                   | 1           |                    |               | Ä [          |                                      | ZV(CSH20          |   |            |              |                     |          | $\neg$   |          |          | $\neg$     |                 | •        |        | T  |              | 0.15-50       | 1/18/11            | 1                                |                |                                 | 8          |
| 9                        | 1           |                    |               | - 1          | 0 4 C V/N                            |                   | ≻   | X          | Х            | 7                   | X        |          |          |          | ਸ          |                 |          |        | T  | à            | ~             | 2                  | 2                                |                |                                 | 在          |
| $\boldsymbol{\varkappa}$ |             | O                  | COUIRE        | S BE         | SEC REPORT                           | OUT OF SI         |   |            |              |                     |          |          | 1        |          |            | T               |          |        | T  | }            | ~             |                    | 2                                |                |                                 |            |
|                          | 1           | Γ                  |               | 성=           | NON BOSH                             | DAA NRUT          |   |            |              |                     |          |          |          |          |            |                 | $\neg$   |        | T  | 1            |               |                    |                                  |                |                                 | FED        |
| ES                       |             | C                  | d≖9           | SSIO         | 10d 7=                               | FILTERED          | 1   | Ü          |              | F                   |          | 寸        | 7        | $\neg$   |            | $\neg$          | $\neg$   | 十      | 1  | 1            | ٠             |                    |                                  |                |                                 | II         |
| 2                        |             |                    | (,            | R (W         | JL(S) WATE                           | MEDIA SO          | 1   |            |              | _                   |          | 十        | 1        | _        | -          | +               | $\dashv$ | $\top$ | +  | 1            | 53            |                    | 7                                |                |                                 |            |
| Fraces                   | İ           | ii.                |               | SBB          | F CONTAIN                            | NUMBER C          | 1   | П          |              | -                   |          | $\dashv$ |          | -        | 7          | コ               | 十        | +      | +  | 1 .          | A. A.         | ξ')<br>['']        | 13                               |                |                                 | 1ETHOD     |
| سلسا                     | 1           | 4                  |               |              | <del>'</del>                         | α                 | 1 %   |            | 14           |                     |          | 十        | 7        |          | -3         | 寸               | _        | 1      | 1  | >            | 1             | -                  | 76                               |                |                                 | Ä          |
|                          | ו           | ch                 | Ì             |              |                                      | CONTAINER<br>TYPE | 40ml. ules  | 1/00       | 100          | VIOD                | 7700     | `        | 100-1001 |          | 40 ml.slus | ्दे             | .        |        |  | RECEIVED B   | 7             | プ                  | 7                                | )              |                                 | 5          |
| •                        | SATPLENS    | 4                  |               |              |                                      | ONTAIN            | 1   | 9          | - 1          | ğ                   | - d      | >        | I        | I        | 7          | _               |          |        |  | <u> </u>     | in            | 1                  | B                                |                | ,                               | SHIPMENT   |
|                          | <u> </u>    | <u>{</u>  '        |               |              | _                                    | N -               | 10  | 7          | Masc         | 7                   | -4       | - [      | 9        | - {      | Ô          | MO 0/           | 1        |        |  | E.           | - E.          |                    | 1.                               |                | Y                               | <u>a</u>   |
| Talmy 70                 | くへ          |                    |               | ("           |                                      | <del></del>       | Ť   |            |              |                     |          | 十        | 7        | $\dashv$ |            | 7               | $\top$   | 1      | T  | 품            | 7             |                    | ן יע                             |                | / \                             | S          |
| 33.3                     |             | -1.                | :.            | 000103       | <b>○</b>                             | LOCATION          | 10  |            |              |                     | 185h     |          | И        | İ        | 2487       | Z               |          |        |  |              |               |                    |                                  |                | <b>-/</b> /                     |            |
| Telegram.                |             | :-                 |               |              | Z                                    | _   5             | 4587  |            |              |                     | 3        |          | 2827     | 1        | 2          | 5487            | ı        |        |  | 뛰            | 1700          | 1/30               | 13                               |                |                                 | _          |
|                          |             |                    |               | ١٦           | 5                                    | 2                 | 12  |            |              |                     | 7        | 1        | 7        | 1        | M          | W               |          | ı      |  | DATE/TIME    |               | //                 | 13:30                            |                | 135c A                          | 8114722140 |
|                          |             |                    |               | 0            |                                      |                   | +-  |            | $\vdash$     | -                   | -        |          | ╗        | -        | 1          | -               | +        | ╌      | ╁  | 15           | 10            | 1/2                | 12                               |                | J                               | 74         |
|                          | I           | 1                  |               | l            | S                                    | <u> </u>          | 1   |            |              |                     | H        |          | H        | -        | $\Box$     | 口               |          | 1      |  | \<br>O<br>O  | 10/25/21      | 1/20/21            | 4,28/2                           |                | C                               | 2          |
|                          | 1.          | .                  |               | l            | T SI                                 | TB E              | II  |            |              |                     |          |          |          | İ        | 4          | 7               | 1        |        |  |              | 1/2/          | 137                | - 5                              |                | 7                               | 7          |
| •                        | 1.          |                    | •             | 1            | 1 2 5                                | ≥ ≥               | 13  |            |              |                     | 6        |          | 5        | I        | Ø          |                 |          |        |  |              |               |                    |                                  |                |                                 | 7          |
|                          | 1.          | l<br>u             | Ì             | 1            | L. L.                                | Z E               | Si  |            |              |                     | 0.5      | - 1      | d        | 1        | 0          | 0               | 1        |        |  |              |               | - 🗸                |                                  |                | /                               | (L)        |
| ;                        | <b>I</b> -, | 50                 | İ             | ~            | > ○                                  | SAMPLE NUMBER     | ΙŠ  |            |              |                     | O        | - }      | ğ        |          | 9          | Ó               | ļ        | 1      |  |              |               | 9                  |                                  |                | 1                               | ľ          |
|                          | 1           | Ā                  |               | Ü            | ďΖ                                   | ်<br>လ            | GW WS77   |            |              |                     | GW 00592 |          | GW00593  | l        | GUCOSZIT   | 员               | ı        |        |  | à            |               | 2.1                | 15                               |                | ンド・ゴム                           | Ö          |
| [                        | <u> </u>    | -                  | NO.           | Ξ.           | - 0 7                                |                   | 1   |            |              |                     |          |          |          |          | 귃          | 러               |          | 十      | +  | - <u>C</u>   | ال_           | 1                  | 16/2/2                           |                |                                 | =          |
|                          | 5           | Ι¥                 | Ē             | Þ            | G ROCKY FLATS PL,                    | Æ                 | 1127  | (12)       | 2121         | 1214                | 750      |          | 5001     |          | C925       | 7ILC500/15/3740 |          |        |  | S.           | [3            |                    | 1,3                              |                |                                 | 1          |
| į                        | ر           | N<br>C             | ည်            | 0            | l ô O                                | IE                |   |            | 2            | 7                   |          | _ ]      | 4        | ]        | V          | 9               |          |        |  | ] Ä          | K K           | /                  | 15.4                             |                | XS                              | 9          |
| 9                        |             | SITE CONTACT/PHONE | LAB/LOCATION_ | C-O-C NUMBER | EG&G ROCKY FLATS PLANT               | DATE/TIME         | OHSEN   |            |              |                     | စိ       | T        | 3        |          | 1-91       | 0               |          |        |  | RELINGUISHED | lut His       | 1                  | 17                               |                | REMARKS                         | WAYBU No   |
| Ž                        | <u> </u>    | Ë                  | AB,           | Y            | ŭ                                    | \d                | Sch   |            |              |                     | ه.25.°   |          | 15500    | -        | 10-24-9    | 10339           |          | 1      | 1  | 퍃            | 13            | (0)                | 1                                |                | E E                             | 13         |
| ر                        | ,           | S                  | ا نـ          |              | <b></b>                              |                   | ٦Ę  |            |              | لـــا               | اف       |          | રા       |          | ্          | થ               | _L       |        |  |              | '             | $\square$          |                                  |                | لـــــــــا                     |            |

(5/20/91)

## EM DEPARTMENT DATA ASSESSMENT SUMMARY REPORT FORM

| Bato  | h No. <u>9010C081</u>   |               |             |            |                | _ Site     | Surface    | Water          | ······································ |  |
|-------|---|---------------|-------------|------------|----------------|------------|------------|----------------|--|--|
| Lab   | oratory <u>ITAS - Ce</u> r  | ritos         |             |            |                | _ No.      | of Samp    | oles/Mat       | rix <u>3/W</u>                         | ater   |
| Met   | hod <u>Standard Metl</u>  | hods          |             |            |                | Rev        | iewer O    | rg. <u>Qua</u> | ntaLex.                                | Inc.   |
| Sam   | ple Numbers <u>SWO</u>  | 0450WC        | C. SW80     | 058WC      | SW800          | 59WC       | ····       |                |  |  |
|       |   |               |             | Data A     | <u>ssessme</u> | nt Sum     | mary       |                |  |  |
|       |   |               |             |            |                |            | Nitrate/   | Sulfide/0      | Oil&Greas                              | se   |
|       |   | Silica        | CN          | Phos.      | Alkal.         | Cl         | Nitrite    | Sulfate        | Grav.                                  | Comments                                     |
| 1.    | <b>Holding Times</b>  | <u>v</u>      | <u></u>     | _N/A_      | N/A            | N/A        | N/A        | N/A            | <u>v</u>                               |  |
| 2.    | Calibrations  | <u>v</u>      | <u>v</u>    | N/A        | N/A            | N/A        | N/A        | N/A            | <u>v</u>                               |  |
| 3.    | Blanks  | <u>A</u>      | <u>A</u>    | N/A        | N/A            | N/A        | N/A        | N/A            | <u>_v</u>                              | Action Items 1-2                             |
| 4.    | Lab Control Sample<br>Results   | N/A           | N/A         | N/A        | N/A            | N/A        | N/A        | N/A            | <u>v</u>                               |  |
| 5.    | Duplicate Sample Results  | <u>X</u>      | X           | N/A        | N/A            | N/A        | N/A        | N/A            | <u>x</u>                               | Comment 1                                    |
| 6.    | Matrix Spike Sample<br>Results  | <u>v</u>      | <u>v</u>    | <u>N/A</u> | <u>N/A</u>     | N/A        | N/A        | <u>N/A</u>     | <u>X</u>                               | Comment 2                                    |
| 7.    | Sample Verification   | <u>v</u>      | <u></u>     | <u>N/A</u> | N/A            | <u>N/A</u> | <u>N/A</u> | _N/A_          | <u>v</u>                               |  |
| 8.    | Other QC  | <u>v</u>      | _V          | <u>N/A</u> | N/A            | N/A        | N/A        | N/A            | <u>_v</u>                              | D  |
| 9.    | Overall Assessment  | <u>A</u>      | <u>A</u>    | N/A        | N/A            | N/A        | N/A        | N/A            | <u>V</u>                               | Data valid or acceptable with qualifications |
|       | V = Data had no problems.  A = Data acceptable but qu  R = Data rejected.  X = Problems, but do not a | alified due t | o problems. |            |                |            |            |                | N/A = N                                | ot applicable.                               |
| Dat   | a Quality: Data conta   | ained in th   | is batch w  | ere reviev | ved and fo     | ound to be | valid or a | cceptable      | with quali                             | fications, Acceptable,                       |
| quali | fied data may be used pr  | rovided th    | at individ  | ual values | impacted       | by the "A  | ction Item | s" listed b    | elow are a                             | ppropriately flagged.                        |
| (Ref  | er to attached Results Su   | mmary Ta      | ables).     |            |                |            |            |                |  |  |

| Action Items: 1) All Silica values are estimated (J), and non-dete  | ects are estimated and undetected (UJ) because |
|---|--|
| a continuing calibration blank was not analyzed at the proper frequen   | icy.   |
| 2) All Cyanide non-detects are estimated and undetected (UJ) be   | ecause a continuing calibration blank was not  |
| analyzed.   |  |
|   |  |
|   |  |
|   |  |
|   |  |
|   |  |
|   |  |
|   |  |
| Comments: 1) A laboratory duplicate was not analyzed for Silica  2) A matrix spike sample was not analyzed for Oil/Grease; data |  |
|   |  |
|   |  |
|   |  |
| Note: Data Summary Tables are attached.   |  |
| L-Mi.   | 5/30/91  |
| Validator Signature   | Date   |
| Gel (. Sont   | 3/3/9/   |
| Reviewer Signature  | Date   |

|           | SALAST II  | -         |        |               | ř   | SANDER SAND    | A FEB    |        | IAB   |           |                 | H    |          |            | Γ      |                    |                          | L          |          | -      | 100  | ŀ            | Γ |
|-----------|------------|-----------|--------|---------------|-----|----------------|----------|--------|-------|-----------|-----------------|------|----------|------------|--------|--------------------|--------------------------|------------|----------|--------|------|--------------|---|
| PROJECT   | COLLECTION | 7         | _      | 3             | _=  | PREP ANAL      |          | BLANK  | THEST | _         |                 | RELT | -        |            | KETTEN |                    | TYCHOLD STATE            | _          |          | _      | FINS | <u>8</u><br> | 7 |
| SAMPLE    | DATE TOM   | ME BATCH  | SAMPLE | SAMPLE SAMPLE | 3   | ELAB DATE DATE | 18 TAME  | SAMPLE |       | 2<br>2    | ANALYTI QUA     | 200  |          | _          | NOF    |                    | DETRICTION REASONS       | ₹          | SS       | 3      |      | <b>₹</b>     | 3 |
| NUMBER    | MONODY HE  | E NUMBER  | MATRIX | MATRIX NUMBER | 2   | MON JOICH      | VDD/ HHE | _      |       | ID NUMBER | OR RESULT IPPER | P.   | H BIRBOR | MEASU TOME |        | PARAMETER NAME     | LIDATT VD 1 2 3 4 RESULT | _<br>D     | 7        | 4 RESU |      | 3            | ä |
| SWEGGSEWC | 10/24/90   | 190100081 | West   | C0103740JJ    | 211 | 341            | 11/05/90 |        | WOPL  | 57-12-5   | 0.02            | Ω    |          | MOV        |        | Cymride            | 0.00                     | 14 4       | _        |        | _    | Н            | П |
| SWEGGSWAC | 10/24/90   | 90100081  | V.     | C01097401G    | 2   | 11/01/         | 06/10    |        | WOPL  | 10-30-0   | 5               | Ы    |          | MON        |        | Oil and Greate     | 5 V                      |            | Н        |        |      | Н            |   |
| SWBOOSEWC | 06/16/01   | 9010C081  | Water  | COLOSTAGLI    | ä   | 11/16          | 88       |        | WOPL  | 7631-86-9 | 3 2             | Ω    |          | MOK        |        | Silica, Dissolved  | 2 IA                     | 7          | Н        |        |      |              |   |
| SWOOMSOWC | 10/34/90   | 9010CD81  | Water  | C01 057402J   | Ę   | 11/05/1        | 06/50    |        | WQPL  | 57-12-5   | 0.02            | ₽    |          | MOV        |        | Cymride            | A1 20.0                  | 4 VI       | Н        |        | -    |              |   |
| SWOOKSOWC | 1024/90    | 9010C081  | West   | 000001000     | 21  | 11/01/         | 06/10    |        | WOPL  | 10-30-0   | 1               | ū    |          | MG/L       |        | Oil and Greece     | s v                      |            | Н        |        | _    | _            |   |
| SWOOKSOWC | 10/24/90   | 19020106  | W      | CO1087402     | 21  | 11/16          | 06/91    |        | WQPL  | 7631-86-9 |                 | Ц    |          | MG/L       |        | Silice, Disectived | 2 1A                     | 4          | Н        |        |      |              |   |
| SW80059WC | 10/34/90   | 90100081  | Water  | 1009/2501000  | 211 | 11/0           | 11/05/90 |        | WQPL  | 57-12-5   | 0.02            | n    |          | MOK        |        | Cymride            | AL 20.0                  | ٧/         | $\dashv$ |        | -    | $\vdash$     | ٦ |
| SWB0039WC | 10/24/90   | 190200106 | Weter  | C01037403O    | шc  | 3/11           | 06/1     |        | WOPL  | 10-30-0   | 2               | 2    |          | MOAL       |        | OB and Greece      | ۶ ۸                      |            | $\dashv$ |        |      | $\dashv$     |   |
| SW80059WC | 10/24/90   | 90100081  | Wester | 1904/490100   | 2   | 91/11          | 06/90    |        | WOPL  | 7631-86-9 | 36              |      |          | MOL        |        | Silice, Dissolved  | 2 3.4                    | ۲ <b>۲</b> | _        |        |      |              |   |

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|                              |   |  |                               | .,                     | ió 11.41 <i>0</i> 1.01 | T              | _  |            | _            |           |                         |          |          | - 1      | ~        | +                   |          |              | <del>,</del> 1 |                 | `             |                           | .,                               | ~ 0       |   |             |
|------------------------------|---|--|-------------------------------|------------------------|------------------------|----------------|--|------------|--------------|-----------|-------------------------|----------|----------|----------|----------|---------------------|----------|--------------|----------------|-----------------|---------------|---------------------------|----------------------------------|-----------|---|-------------|
|                              | Æ∂                                      | .  |                               | 1 SCBEEN               | TH<br>RADIATION        | ╀              | -  | $\vdash$   |              | Н         |                         |          | -        | _        | 4        | H                   |          | $\dashv$     | +              | z               |               |                           | ., .                             |           |   | 1           |
|                              |   | <del>                                     </del> | 72 '92                        | 7.EH '/ SIS            | 0,06\6812              | ╁╌             | ⊢  | $\vdash$   |              | Н         | _                       |          | $\dashv$ | _        | $\dashv$ | ╫┨                  |          |              | +              | <i>\</i>        |               |                           |                                  |           | 1.5   |             |
| 814- EPPh                    | A 0                                     |  | -                             |                        | U233/234,              | ╁              | ┝  | Н          | $\vdash$     | Н         | _                       | _        | -        |          | -        | ₩                   |          |              | +              |                 |               |                           | ပ                                |           |   |             |
| 3                            |   |  |                               |                        | Pu239/24(              | ╁╴             | ├  | -          | -            | Н         | Н                       |          | $\dashv$ | ┪        | $\dashv$ | ╫                   |          | -            | +              |                 |               |                           |                                  |           |   |             |
| es                           | $\sqrt{\Sigma}$                         | _  |                               |                        | GROSS A/B              | +-             | ├─   | H          | -            | H         | Н                       |          | $\vdash$ | $\dashv$ |          | ╫                   | $\dashv$ |              | $\dagger$      |                 |               |                           |                                  |           |   |             |
| 2                            |   |  | ОЗЯЗТ                         | DOC IF FIL             | 10C                    | 十              | 十  |            |              | H         |                         |          |          | $\dashv$ |          | +                   |          |              | $\dagger$      |                 |               |                           |                                  |           |   |             |
| 2                            | 7                                       | 2  |                               |                        | HSS                    | T              | <del>                                     </del> |            |              | Н         |                         |          |          | ┪        |          | $\dagger \dagger$   |          |              | T              |                 | 15            |                           | Ó                                |           | ES  |             |
| *                            | =                                       | _  |                               | <del></del>            | sodq-0-                | 1              |  |            | T            |           |                         | X        | $\Box$   | $\neg$   |          | $\Box$              |          | $\Box$       | T              |                 | INTACT        |                           | CAT                              |           | SC  |             |
|                              | E                                       | -  | <del>17</del> H               | MOS/NOS) MI            | tot phos,              | 1              | Γ  |            |              |           |                         |          | X        |          |          |                     |          |              | П              |                 | <u>z</u>      | ш                         | F                                |           | ΡA  |             |
| PROJECT                      |   | ZON'IS   | , нсоз,                       | 1, F, SO4, CO3         | TSS, TDS, C            |                |  |            |              |           |                         | X        |          |          |          |                     |          |              |                | >-              | SEALS         | 3RE                       | PEC                              | 보         | S   |             |
| ۵                            | ن ر                                     | 9 <del>08</del> H                                |                               | EZEKAED M              |                        |                |  |            |              |           |                         |          |          | X        |          |                     |          |              |                | ONL             | SE            | A A                       | SN                               | AC        | DIS   |             |
|                              | <u> </u>                                | -  | οM,                           | s, L1, Sr, Sn          |                        | _              |  |            | _            | X         | X                       |          |          |          |          | Ц                   |          |              | Ц              | USE (           | λgo           | ;OC:                      | 王                                | ATTACHED  | OR<br>O   |             |
|                              | u                                       | 3  |                               |                        | OIL AND GF             |                | X  |            |              | Ш         |                         |          |          |          |          | Ц                   | Ш        |              | Ц              |                 | IST(          | 3/0                       | <u>×</u>                         |           | 3   |             |
|                              | 2                                       | +  |                               |                        | TRIAZINES              | 1              | ▙  |            |              | Ц         | Щ                       | Щ        | Ц        |          | Ц        | Ш                   | Щ        | Ц            | Ц              | ЯY              | ر<br>ا ک      | 3EL                       | RE                               | СОРУ      | 3.E   |             |
|                              | ١                                       |  |                               | сгь                    | PEST/PCB-              | <u> </u>       | $\vdash$   | <b>\</b> - | X            | Н         | Щ                       | Ш        |          |          |          | +                   | Щ        | $\sqcup$     | #              | <b>4</b> TC     | REC'D/CUSTODY | LAE                       | ATL                              | TED       | ROE   |             |
| 7                            | a                                       |  |                               |                        |                        | ₩.             | $\vdash$   | ĸ          | -            | Н         | Н                       | Н        | $\vdash$ |          | $\dashv$ | $\mathbb{H}$        | 1        | Н            | $\mathcal{H}$  | JR/             | RE            | \<br> <br>                | žΕR,                             | (EC)      | A<br>P  |             |
| 00-10374<br>1                | Ľ                                       | HICF /   | TIW G                         | PRESERVE               | VOA-CLD                | 柗              | ╄  | -          | $\vdash$     | $\vdash$  | $\vdash\vdash$          | H        | $\vdash$ |          | Н        | $\mathbb{H}$        | H        | Н            | +              | LABORATORY      | PCKG          | SAMPLE LABELS/COCS, AGREE | TEMPERATURE WITHIN SPECIFICATION | CORRECTED | OTHER PROBLEMS OR DISCREPANCIES                 |             |
| 0                            | 4 4,00                                  | <u> </u>   |                               |                        | N92S203                | ╁              | ┢  | -          | _            | $\vdash$  | H                       | _        | -        |          |          | Н                   | +        | $\vdash$     | +              | <b>–</b>        | Ā             | S                         | Ţ                                | Ö         | 0   |             |
| 7                            | . 4.                                    |  | PRESERVATIVE                  |                        | HZSO4                  | 十              | X  | $\vdash$   | ┝            |           |                         |          | $\Delta$ |          |          | $\forall$           | H        | H            | Н              | _               |               | <u></u>                   | a                                |           |   |             |
| $\beta$                      |   |  | ₹ <b> </b>                    | <del> ,</del>          | НИОЗ                   | ╁              |  | ┢          | 一            | X         | $\overline{\mathbf{x}}$ | H        |          |          |          | $\forall$           | H        | H            | T              | 出               |               | 13Q                       | 080                              |           |   |             |
| ) <u>ξ</u>                   |   |  |                               |                        | HOAN                   | T              | 一  |            |              |           | Ť                       |          | Ħ        | X        |          | П                   |          |              | T              | DATE/TIME       |               |                           |                                  |           |   |             |
| 3.7                          | 10 x                                    |  | SES                           | 2)2                    | Zu(CSH30               |                |  |            |              |           | Г                       |          |          |          |          | П                   |          |              | T              | ATE             |               | 1/4                       | 160                              |           |   | Ex.         |
| Y                            | a.                                      |  |                               | 04C Y/N                | COOLED T               | X              | ×  | $\times$   | X            | X         | X                       | X        | X        | X        | 8        | 3.4<br>3.0          |          |              |                | $\triangle$     |               | 241/MOI                   | 16/0                             | :         |   | 6           |
| 8                            | ~\                                      | oni Bed  |                               | SEC BEPOR              |                        | $\geq$         | $\times$   | $\geq$     | X            | X         | K                       | X        | X        | X        | X        |                     |          |              | $\perp$        |                 | -             |                           | $\vdash$                         |           |   | A           |
| F                            | 60                                      |  |                               | HSUA GNU               |                        | <u> </u>       | L  |            | L            |           |                         | oxed     | Ш        |          | Ш        | Ш                   | L        |              | 1              |                 |               |                           |                                  |           |   | 7           |
| 41                           | <u> </u>                                |  | DISS                          |                        | FILTERED               | L              | Ļ  | Ļ          |              |           | 1                       | /        |          |          |          | Щ                   | _        |              | $\bot$         |                 |               |                           |                                  |           |   | ا ا         |
| 77                           | 20                                      | · · · · · ·                                      |                               | IL(S) WATI             |                        | 13             | 2  | 3          | 3            | 3         | 3                       | (7)      | 7        | 3        | 14)      | $\perp$             | <u> </u> | $\vdash$     | +              |                 | 3             | 1                         |                                  |           |   | ETHOD       |
| 3                            | $\sim$                                  |  | 5031                          | I A THOU SE            | <del></del>            | 15             | 1  | 17         | 7            |           | H                       | $\perp$  | Ή,       | II       | 7        | $oldsymbol{\sqcup}$ | ┝        | $\mathbb{H}$ | +              |                 | 1             | 3                         | 1                                |           |   | 計           |
| SAMPLERS                     | 303-                                    |  |                               |                        | CONTAINER              | 1/2            |  | l.,        |              | 2         | , ,                     | 1        | 48       | 1.7      | 46       |                     | é        | $\ \cdot\ $  |                | RECEIVED BY     | 26            | T                         | Bu                               |           |   | SHI PMENT M |
| RS.                          | 30                                      | ₹,   |                               |                        | NTAI                   | 1              | 16   | 76         | 46           | 0         | 20                      | G        | 7"       | S,       | 7.       |                     | 4        |              |                |                 | 8             | 7                         | - ź                              | 6         |   | 包           |
| 7                            |   |  |                               | <b>=</b>               | NO F                   | 40,04          |  | 7          |              | 1         | 7                       | 7        | 250ml    | X        | 15001    |                     | ۱ ۱      |              |                | SEI             | ر<br>بر       | 4                         | 1                                | ŀ         |   | <u>a</u>    |
| Σ                            | 9                                       | P 2  | 5                             |                        |                        | Ti             | 1  | †          | ┢            |           | F                       |          | 7        | 1        | T        | Н                   |          | 5            | $\dagger$      | 뿞               | X             |                           | N3-                              | l         |   | 꼾           |
|                              | Ai                                      | 不らる  | 6                             | <b>I</b> -             | \                      | 10             | ]  | į          |              |           | 1                       |          |          |          |          |                     |          |              | -              |                 | 7             | Ū                         | 2                                |           | D)  |             |
| ~3 N                         | La Pup                                  | P. Oakridge,                                     | 7                             | Z                      | LOCATION               | > 5P(75        | <b>}</b> _                                       |            |              |           | _                       | -        | $\vdash$ | $\vdash$ | >        |                     |          | BWL          |                | DATE/TIME       | 1700          | 54//                      | 13.30                            |           | V   |             |
| 6%                           | ×                                       | 8  | 7                             | 3 ≿                    | 7                      | 1/2            |  |            |              |           |                         |          |          |          | ٠        |                     |          | 8            |                | =               |               |                           | 1                                | _         | $ \stackrel{\scriptscriptstyle{\sim}}{\times} $ |             |
| 0 3                          | 9                                       |  | ,O.                           | 교등                     | ~                      | R              |  |            |              |           |                         |          |          |          |          |                     |          |              |                | ¥               | 12            | 10/26/90                  | 10/3490                          |           | stor or   | 1           |
| 18                           | rval                                    |  | Į J                           | TS<br>TS               | 18E                    | 1/4            | 1 -  | ╙          | Ļ            | <u> </u>  | L                       | L        |          |          |          |                     |          |              |                | $  ^{\circ}$    | 24            | 3/0                       | 1                                |           | \display  | ]           |
| À,                           | 20                                      | are  | 1                             | <b> </b>               |                        | 6              | ¥  |            |              |           |                         |          |          |          | >        |                     |          |              |                |                 | 3             |                           | <del>  `</del>                   | <b></b> - |   |             |
| 3,4                          | ١٦                                      | _  | 2                             |                        | SAMPLE NUMBER          | Surday Com Wes |  |            |              |           |                         |          |          |          |          |                     |          |              |                |                 |               |                           |                                  |           | FC 14   |             |
| 0 0                          | S                                       | 7  | 2                             | ≻ 6                    | T &                    | 1              | - (  | 1          | <del> </del> | ╀─        | -                       | <u> </u> |          |          |          |                     |          |              |                |                 | 1 3           |                           | 3                                | }         | $\mathcal{I}_{\mathcal{I}}$                     | 1           |
| 33                           | Ę                                       | 7  | EB                            | I 상 z                  | 8                      | <u>ا</u> ر     | ,  | L          | L            |           |                         |          |          |          | Ĺ        |                     |          |              |                | ) Å             | 1 1           | I                         | 13                               | <         | X   | 1           |
| ر<br>م                       | [ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | NO.  | 巴                             | 0 ₹                    | 1.1                    | ۵              | ς,   | 4          | 1/2          | 2         | Ø                       | 26       | L,       | 2        | 2        | П                   | Π        |              |                | ] 皇             |               | D                         |                                  |           |   |             |
| 570                          | Y L                                     | Ι¥   | ₽                             | G ROCKY FLATS PLA      | Ξ                      | 8 05           | 123  | 1532       | 505          | 537       | DX3,                    | 1843     | 7.4      | 1547     | 57.      |                     |          |              |                | UIS             | 13            | ,                         | 1/3                              | 1         | δ   |             |
| Ϋ́                           | Ó                                       | 207  | ပု                            | EG&G ROCKY FLATS PLANT | DATE/TIME              | 1              | 1  | +          | 1            | ⇈         | 1                       | †        | $\vdash$ | $\vdash$ | +        | $\dag \uparrow$     | T        | T            | #              | RELINQUISHED BY | 1/0           | 1 3                       | 18                               | ,         | AR  | 1           |
| CONTRACTOR LEGICAL SON, CE 3 | SITE CONTACT/PHONE                      | LAB/LOCATION 27                                  | C-0-C NUMBER WC-170122 (3.85) | EG                     | DAT                    | 19,10)         | }-   | +          | $\vdash$     | ┼-        | -                       | ├-       | -        | $\vdash$ | <b> </b> |                     |          |              |                | REL             | 14            | 6                         | B                                |           | REMARKS   |             |
| * · · ·                      | ഗ                                       | د (  |                               |                        | <u> </u>               | <u> </u>       | <u>"</u>   | 1_         | <u>_</u>     | <u>L_</u> | 4                       | <u> </u> | <u> </u> | <u> </u> | <u></u>  | Ш                   |          | <u> </u>     | Ш              | <u></u>         | 1 // /        |                           | <u> </u>                         | <u></u>   | <u> </u>  | <u></u>     |
| 100                          |   |  |                               |                        |                        | \              |  |            |              |           |                         |          |          |          |          |                     |          |              |                |                 |               |                           |                                  |           |   |             |

| . ,      |                            |          | 1                  |                  |                               |  | 11110101          |               |     |            |            |                         |           |                | _         | Т              | <del>\</del> 7 | _             |          | -   |           |                 |                                 | _  | _                                |           |                   |          |
|----------|----------------------------|----------|--------------------|------------------|-------------------------------|--|-------------------|---------------|-----|------------|------------|-------------------------|-----------|----------------|-----------|----------------|----------------|---------------|----------|---|-----------|-----------------|---------------------------------|--|----------------------------------|-----------|-------------------|----------|
|          | ۱۸                         | 1        |                    |                  | <del></del>                   | ON SCBEEN                                  | ZH<br>ITAIDAR     | $\vdash$      | _   |            | Щ          |                         | -         | -              | -         | -              | 겍              | $\sqcup$      | $\dashv$ | -4  | 4         | z               |                                 | :  |                                  |           |                   | • •      |
|          | d                          | /        | 0                  |                  | ZZ '9Z                        | 70W (/CIS)                                 | ,06/6872          | -             |     |            | $\vdash$   | $\vdash$                | $\dashv$  |                | }         | -}             |                | H             | _        | -+  | Н         | \ \             |                                 | 7/   |                                  |           |                   |          |
|          | 1                          |          | Р                  | 8                | CC 90                         | 4, 235, 238                                |                   | $\vdash$      |     |            | Н          | -                       |           |                |           | $\dashv$       | $\dashv$       | H             | $\dashv$ | $\dashv$  | Н         |                 |                                 |  | ပ                                |           |                   |          |
|          | 7                          | ٣        | 9                  |                  |                               |  |                   | $\vdash$      |     |            | Н          |                         |           | -              |           | -              | -              | $\mathbb{H}$  |          | $-\!$ | Н         |                 | ,                               |  |                                  | •         |                   |          |
|          | B                          |          | Z                  |                  |                               | 10, AM241                                  | GROSS A           | $\vdash$      |     |            |            |                         | $\dashv$  | _              |           | -              | -              | $\ \cdot\ $   |          | -   | H         |                 |                                 |  |                                  |           |                   |          |
|          | Ø                          | N        | Σ                  |                  | 02421                         | DOC IE EIT.                                | 10C               | $\vdash$      | _   |            | -          | -                       |           | $\dashv$       |           | $\dashv$       | $\dashv$       | ₩             |          | -   | -         |                 |                                 |  | ı                                |           |                   |          |
|          | 1                          | Ì        | 1                  |                  | 03031                         | . 113 31 300                               | SZH               |               |     |            |            |                         |           |                |           | -+             | -              | ₩             |          | -   | Н         |                 | L                               |  | NO                               |           | S                 |          |
|          |                            |          | ¥                  |                  |                               |  |                   | -             |     |            | Ш          |                         | _         | $\exists$      | -         | $\dashv$       | -              | ┼╫            | $\dashv$ | -   | Н         |                 | AC.                             |  | ) T                              |           | DISCREPANCIES     |          |
|          |                            |          | $\Box$             |                  |                               |  | soud-o            | _             |     |            |            |                         |           | $\bowtie$      | $\Box$    |                | -              | Ш             | -        |   | Н         |                 | R                               |  | /2]                              |           | AN                |          |
|          | JEC                        |          | _                  |                  |                               | NO3/NOS)NI                                 |                   | _             | Ш   |            |            |                         | _         | <del>- 3</del> | 겍         | _              | _              | ┦╢            |          | $\dashv$  |           |                 | S                               | 出  | SF                               | Ω         | ΈÞ                |          |
|          | PROJECT                    |          | I                  |                  |                               | CI, F, SO4, CO3,                           |                   | _             |     |            |            |                         | 4         | 즤              | -         | _              | -              | $\sqcup$      | _        | 4   | Ц         | <u>\</u>        | EAL                             | AGREE  | 3PE                              | 품         | SCF               |          |
|          |                            |          | 9                  | 908H             |                               | WESERVED W                                 |                   |               |     |            | Ш          |                         |           | _              | 4         | 겍              | _              | $\sqcup$      | _        | 4   |           | ONLY            | \<br>S                          | , S.   | Z                                | ATTACHED  |                   |          |
|          |                            |          | IJ.                |                  | ᄱ                             | Cs, L1, Sr, Sn,                            |                   | L             |     |            |            | 싀                       | $\bowtie$ |                | _         | _              | 4              | Ц             | _        | 4   | Ц         | USE             | 0                               | 8  | 王                                | AT        | OR.               |          |
| ×        |                            |          | Ε                  |                  |                               |  | OIL AND           |               |     |            | X          |                         | _         | _              |           | _              | _              | Ц             |          | _   | Ц         |                 | IST                             | S/(  | ₹                                | Δ         | МS                |          |
| <u>~</u> |                            |          | ٥                  |                  |                               |  | TRIAZINE          |               |     |            | Щ          | $\sqcup$                | _         | _              | _         | $\dashv$       |                | Ц             | Ц        |   | Ц         | ABORATORY       | PCKG REC'D/CUSTODY SEALS INTACT | LABELS/COCs  | TEMPERATURE WITHIN SPECIFICATION | сору      | OTHER PROBLEMS OR |          |
| 1001     |                            |          | C                  |                  |                               |  | PEST/PC           | Ш             |     | X          |            |                         |           |                | _         | _              | 4              | Ц             | Ш        | _   | Ц         | TC              | Q.5                             | LAE  | \T                               | 65        | 30.               |          |
| ) )      |                            |          | В                  |                  |                               |  | BNA-CLP           | Ц             | X   |            |            |                         |           | _              |           | _              | _              | Ц             | Ш        | $\perp$   | Ц         | RA              | REC                             | LE   | ER/                              | C         | ۶ P               |          |
| 1        |                            |          | ٧                  | <del>13H H</del> | HIM 0                         | PRESERVE                                   | VOA-CLP           | ×             |     |            |            |                         | _         |                | _         | _              | _              | Ц             | Ц        | $\bot$  | Ц         | BG              | KG                              | SAMPLE   | МР                               | CORRECTED | 里                 | -        |
| 3        |                            |          |                    |                  |                               | · .  |                   |               |     |            |            |                         |           |                | _         | _              | _              | Ц             | Ц        | $\bot$  |           | LA              | ЪС                              | SA   | TE                               | 용         | OT                | -        |
|          |                            |          |                    |                  | w L                           |  | NaZSZO            | L             |     |            |            |                         |           | $\Box$         |           | $\dashv$       | _              | Ц             | Ц        | _   | Ц         |                 |                                 |  |                                  |           |                   |          |
|          | 7                          |          |                    |                  | PRESERVATIVE                  |  | H2S04             |               |     |            | X          |                         |           |                | X         | _              |                | Ц             | Щ        |   | Ц         | 1.1             |                                 | 33   | 2                                | -         |                   |          |
|          | 7                          |          |                    |                  | ≸ L                           |  | НИОЗ              |               |     |            |            | $\times$                | ×         |                |           |                |                | Ц             | Щ        | _   | Ц         | ATE/TIME        |                                 | $\mathbb{Z}$   | 0800                             |           |                   |          |
|          | 10                         |          |                    |                  | E L                           |  | HOAN              |               |     |            |            | $\Box$                  |           |                | ]         | 凶              |                | Ц             | Ш        | $\bot$  | Ц         | E/1             | -                               | Ĉ₽   | 18                               |           |                   |          |
|          |                            |          |                    |                  | Ä L                           |  | ZU(CSH3           |               |     |            |            |                         |           |                |           | _              |                | Ц             | Щ        |   | Ц         | AT              |                                 | THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SE | J/1E                             |           |                   | \ \      |
|          | 1                          |          |                    |                  |                               | TO 4 C Y/N                                 |                   | $\geq$        | Ņ   | 7          | <i>λ</i> . | 7                       | $\geq$    | M              | 거         | 그              | 거              | Ц             |          | $\bot$  | Ц         | Δ               |                                 | 7  | 4                                |           |                   | 1        |
|          | 10                         |          | O.                 | <u>מחוצ</u> ב    |                               | PPEC REPOR                                 |                   | $\mathbb{Z}$  | ×   | ×          | X          | X                       | <u>×</u>  | 凶              | $\succeq$ | 凶              | ⋈              | Ц             |          | 4   | U         |                 |                                 |  |                                  |           |                   |          |
|          | W                          | 7        | `                  |                  |                               | исимь визн                                 |                   | X             | ×   | X          | $\succeq$  | ×                       | ~         | $\times$       | ~         | $\succeq$      | <u>. Q</u>     | 12            | 11       | ht  | $\square$ |                 |                                 |  |                                  |           |                   | 6        |
|          |                            | / b      |                    |                  | SSIO                          |  | FILTERE           |               |     |            |            |                         | 当         |                | _         |                |                | Ц             |          |   | Ц         |                 |                                 |  |                                  |           |                   | (        |
|          | 1                          |          | <u>L</u>           | (                | ·                             | JTAW (2)JIO                                |                   | 3             | B   | 3          | 3          | ,3                      | 3         | 3              | 3         | 3              | 3              | Ш             |          |   | Ц         |                 | CE 3                            |  | ا                                |           | 1                 | YETHOD   |
|          | ×                          |          | 0                  |                  | ERS                           | OF CONTAIN                                 | NUMBER            | 7             | 7   | ど          | į,         |                         | $\preceq$ |                | $\preceq$ | <u>"</u>       |                | Ц             |          |   | Ц         |                 | 1                               | 7-1  |                                  |           |                   | ET       |
|          | 7                          | 9        | 3                  |                  |                               | •  | <u>æ</u>          | 46            |     |            | N          |                         |           |                | 100       | , <sup>\</sup> | 1/2            | $\cdot   \  $ |          |   |           | ₽               | 1                               | 1  | 1                                |           |                   |          |
|          | S                          | _        | 1                  |                  |                               |  | CONTAINER<br>TYPE |               | · ~ | 9          | 135        | 1/2                     | <u>~</u>  | P01            | [ب        | 2              | Pol            |               |          |   | П         |                 | ruce                            | 7  | yde                              |           |                   | N I      |
|          | R                          | 4        | 3                  | - 1              |                               |  | ONTAI             | 40,0          | A   | A          | V          | 9                       | Y         | 7              | 250mi     |                | 125m1          |               | 1,00     |   | П         | <u> </u>        | 3                               |  | 17                               |           | ۱ ۱               | Σ        |
|          | Σ                          | γ.       | 7                  | 7                |                               | 7  | 8                 | 10            | 7/  | 7/         | 1          | 77                      | 7/        | 7/             | 2         | $\supset$      | 3              |               | 7        |   | Ш         | RECEIVED BY     | 13                              | R  | 13                               | Ì         |                   | SHIPMENT |
|          | SAMPLERS                   |          | ď                  | 3                | 7                             |  | NO                |               |     |            |            |                         |           |                |           |                |                |               |          | `   |           | ~               | //                              |  | 73%                              |           |                   | S        |
|          |                            | A / A    | 3                  | 1                | a.f.                          | <b>—</b>                                   | LOCATION          | Swidt 4       | -   |            |            | ll                      |           |                |           |                |                |               | 77       | 2   |           |                 | 1200                            | بار  | R.                               |           | X                 |          |
| \        | $\delta = 0$               | 7        | 4                  | 7                | 6                             |  | l ò               | 14            | ĺ   |            |            |                         |           |                |           |                | >              |               |          | Ш   |           | Σ               | 1 %                             | 145  | £,81                             |           | $\times$          |          |
|          | 70                         |          | 1                  | A                | 7                             | <b> </b>                                   | ت                 | 12            |     |            |            |                         |           |                |           |                |                |               | -        | 11/2  |           | <u> 7/3</u>     | <del>  `</del>                  |  |                                  | _         | 0                 |          |
| 7        | 3. S                       | ,        | الا                | cop Jak Ride     | 9                             | <u> </u>                                   | ~                 | 21            |     |            |            |                         |           |                |           |                |                |               |          | 2   |           | DATE/TIME       | 05/12/                          | 126/40   | 10/30/20                         | [         | NHOVE TOOOK       |          |
| _        | KI_                        | :        | ١                  | 10               | B                             | 5.<br>T3                                   | BEF               | 15            |     |            |            | 1                       |           |                |           |                |                |               |          |   | П         | ۵               | 14                              | 200  | 1 %                              | 1         | 0                 | 1        |
|          | \$ >                       | ۵        |                    | 16               | 17                            |  | <u> </u>          | 130           | -   |            | ┢╌         |                         | -         |                |           | _              | 4              |               |          | H   |           |                 | 197                             | ~  | 1                                | -         | ス                 |          |
|          | 35                         |          | ×                  | 18               | ं                             | ں نے ں                                     | SAMPLE NUMBER     | SWB dd 5800 C |     |            |            |                         |           |                |           |                | ١              |               |          |   |           |                 |                                 |  |                                  |           | ਹ                 | 1        |
| ·        | g d                        |          | 삦                  | થ                | 3                             |  | 1 4               | 8             | [   | <u> </u>   | <u> </u>   | Ш                       |           |                |           |                |                |               |          | . 1   |           |                 | 7                               | ر ا  | , 8                              | ł         | (3)               | ļ        |
|          | Eg.                        | İ        | 오                  | 7                | α.                            | $\mathbf{X}$                               | SA                | 1,3           |     |            |            |                         |           |                |           |                | >              |               |          | 1   |           | ≿               | 1 6                             | 6  |                                  |           | 17.               |          |
|          | 3,                         | 1        | T/P                | Z                | BE                            |  | <u> </u>          | 42            | -   | 5          | -          | $\vdash\vdash$          |           |                | Н         |                |                | +             | $\vdash$ |   | Н         |                 | allen                           | 01   | 3                                | /         | 15                |          |
|          | a o                        |          | AC.                | <u> </u>         | $\frac{1}{2}$                 | G ROCKY FLATS PL,<br>CHAIN OF CUSTODY      | l h               | 5             | 10  | 520.       | 1/2        | 522                     | 1         | 82             | 1536      | 532            | 1542           |               |          | A   |           | SH.             | 1/6                             | 14   | 74                               | 10        |                   |          |
|          | Ç                          | <u> </u> | N                  | V                | Ž                             | υ <u>Ω</u>                                 |                   | 5151          |     | \ <u>`</u> | 5151       | $\stackrel{\sim}{\sim}$ | 1551      | 8251           | 15.       | 15.            | 15             |               |          |   |           | l<br>D          | X                               | 3  | 14                               | 1         | ₹                 |          |
|          | CONTRACTOR GODGEST SOLVEDS |          | SITE CONTACT/PHONE | LAB/LOCATION IL  | C-O-C NUMBER WC-ITA122 (4.FS) | EG&G ROCKY FLATS PLANT<br>CHAIN OF CUSTODY | DATE/TIME         | (4)           |     |            |            |                         |           |                |           |                |                | Γ             |          |   |           | RELINQUISHED BY | 19                              | 1 3  | 13                               | 1         | REMARKS           |          |
|          | N<br>C                     | 3        | 三<br>三<br>三        | AB,              | 9                             | E  | <u></u>           | 12/01         |     |            |            |                         |           |                | H         | Н              | >              |               |          |   |           | REI             | 1/3                             | 130  | 1                                | <b>B</b>  | REI               |          |
|          | <u></u>                    | •        | U)                 |                  |                               |  | ı                 | 12 )          | 4   | 1          | 1          | 1 1                     |           |                |           |                | . 1            | - 1           |          | · 1   | 1         | 1               | . / K                           | . ~  | • ^                              | 7         | 1                 | i        |

| S (1997)                                       |  |  |  |                    |             |           |                       |          |            |                       |                   |             |                         |          |  |           |          |           |                 |                 |                           |                                  | UU         | UZ 8                            | <b>S</b> . |
|--|--|--|--|--------------------|-------------|-----------|-----------------------|----------|------------|-----------------------|-------------------|-------------|-------------------------|----------|--|-----------|----------|-----------|-----------------|-----------------|---------------------------|----------------------------------|------------|---------------------------------|------------|
|  |  |  | LION SCREEN                                |                    |             | _         | _                     |          | $\dashv$   | _                     | _                 | _           |                         | X        | П  |           |          |           | z               |                 |                           |                                  |            |                                 |            |
| 1/0  |  |  |  | H2                 |             |           | _                     | 4        | _          | _                     | _                 | -           |                         | _        | $\!$ | 4         | 4        |           | _               |                 |                           |                                  |            |                                 |            |
| Ø □  | 82   | 2256, 23                               | 24, 235, 238<br>0, Cs137, Ra               |                    | $\vdash$    |           | _                     | _        | -          | _                     | 4                 |             | _                       |          | #  | _         | 4        |           | >               |                 |                           | ,                                |            |                                 |            |
| 2/40   | <u>.                                    </u> |  |  |                    | Н           |           |                       | -        |            |                       |                   |             | -                       | -        | ₩  |           | 4        |           |                 |                 |                           | ပ                                |            |                                 |            |
| <b>√</b> \\ <u>₹</u>                           |  |  | 142MA ,042                                 | 68055 A            | H           | -         |                       | $\dashv$ |            | $\dashv$              | $\dashv$          | -           | ┥                       | +        | ₩  | ┥         | +        | Н         |                 |                 |                           |                                  |            |                                 |            |
| 2 \ <u>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</u> |  | ורובאכה                                | DOC IF FI                                  | 2003               | Н           |           | $\dashv$              | $\dashv$ |            | -                     | $\dashv$          |             |                         | -+       | $+ \parallel$  | -         | -        |           |                 |                 |                           |                                  |            |                                 |            |
| 700  |  | 03031 11                               | 13 31 300                                  | SZH                | $\vdash$    |           |                       |          |            | _                     | $\dashv$          |             |                         | -+       | ╢  | $\dashv$  | -        | $\vdash$  |                 | <u>_</u>        |                           | 8                                |            | S                               |            |
| .    <del>≚</del>                              |  |  | Ç  | 3011<br>3014-0     | $\vdash$    | $\vdash$  | -                     | -        |            | $\dashv$              |                   |             | $\dashv$                |          | ╫  | $\dashv$  | $\dashv$ | $\vdash$  |                 | AC              |                           | ΑŢ                               |            | CIE                             |            |
|  |  | 4-6-16-16                              |  | ज्यत २०१०          |             | ╌┨        | $\dashv$              |          | _          |                       | $\dashv$          | 뇌           | $\dashv$                | $\dashv$ | +  | $\dashv$  | $\dashv$ | $\vdash$  |                 | SEALS INTACT    |                           | TEMPERATURE WITHIN SPECIFICATION |            | OTHER PROBLEMS OR DISCREPANCIES |            |
| PROJECT<br>5 H   1                             | ZON'IS                                       |  | 5, C1, F, S04, C0                          |                    |             | Н         | $\vdash$              |          | $\dashv$   | $\dashv$              | $\overline{\ \ }$ | 쉬           | $\dashv$                | $\dashv$ | +  | Н         | $\dashv$ | Н         |                 | LS              | SAMPLE LABELS/COCs, AGREE | SCI                              | 8          | REP                             |            |
|  |  |  | BUESERAED /                                | (CN)               |             |           | $\dashv$              |          |            |                       |                   | ᆛ           | ᅱ                       | $\dashv$ | $\forall$  | Н         | -        | H         | ONLY            | )EA             | AGI                       | SPI                              | ATTACHED   | SCI                             |            |
|  | 300113                                       |  | 5, Cs, L1, Sr; S                           |                    | $\vdash$    | Н         | -                     | _        | 굯          | X                     |                   | ┪           | 싁                       | $\dashv$ | $\forall$  | Н         | $\dashv$ | Н         |                 |                 | CS.                       | Z<br>F                           | ΓT         | ۵                               |            |
|  |  |  | OBEASE                                     |                    |             | $\forall$ | Н                     | _        |            | $\stackrel{\frown}{}$ |                   | -           |                         | $\dashv$ | H  | Н         | +        | Н         | USE             | REC'D/CUSTODY   | ပ္ပ                       | Ė                                |            | Ö                               |            |
|  |  |  |  | AIZAIAT            |             |           | $\vdash$              |          | $\dashv$   | Н                     | -                 |             |                         | -        | H  | $\forall$ | ┪        | $\vdash$  |                 | SUS             | rs/                       | ₩                                | СОРУ       | 品                               |            |
|  |  |  | CB-CLP                                     |                    |             | Н         |                       | X        |            |                       |                   |             |                         | $\dashv$ | H  | $\dagger$ | ┪        | H         | OR              | ٥/ر             | 18E                       | E.                               | ٥          | 절                               |            |
|  |  |  |  | BNA-CL             | Н           | $\vdash$  | X                     |          |            |                       |                   | $\dashv$    |                         | $\dashv$ | $\dag \dag$  | +         | $\dashv$ | H         | AT              | ECI             | 7                         | ₹                                | TE         | 쯢                               |            |
|  | 7244   |  |  | AOV-CE             | $\nabla$    | Н         | $\stackrel{\frown}{}$ |          |            | $\exists$             |                   | _           |                         |          | $\dagger \dagger$  | $\forall$ | 一        | H         | OR              | G<br>B          | 7.                        | 臣                                | )<br> <br> | 8                               | 1          |
| Ó  | DH H.  | אבט אונו                               | <del>M383R4 A</del>                        | 17-40V             |             |           |                       |          | _          |                       |                   | $\dashv$    |                         |          | H  | Н         | 1        | H         | LABORATORY      | PCKG            | ΑM                        | 띮                                | CORRECTED  | 王                               |            |
| 5  |  |  | 20   | Nazsze             |             | Н         |                       |          |            |                       |                   |             |                         | $\dashv$ | H  | Ħ         | 一        | H         |                 | -               | ြိ                        |                                  |            | °                               |            |
| 77.001-W                                       | !  | PRESERVATIVE                           |  | H2S04              |             | X         |                       | -        |            |                       |                   | X           |                         |          | $\dagger \dagger$  |           | 一        | П         |                 |                 | $\leq$                    | B                                |            |                                 |            |
| 3  |  | <del>∀</del> ├─                        | <u> </u>                                   | НИОЗ               | $\vdash$    | Ĥ         |                       |          | X          | X                     |                   |             |                         | H        | Ħ  |           |          | $\dagger$ | Π<br>Π          |                 | R                         | 0900                             |            |                                 |            |
| 3  |  | 옶ㅡ                                     |  | HOAN               |             |           | Н                     |          |            |                       |                   |             | $\overline{\mathbf{x}}$ |          | $\dagger \dagger$  |           |          |           | DATE/TIME       |                 | _                         | <b></b>                          |            | -                               |            |
| Ы  |  | ESI                                    | 1205)5                                     | ZV(CSH             |             | Н         |                       |          |            |                       |                   |             |                         | $\Box$   | Ħ  |           |          | T         | ١TE             |                 | DATAC                     | Blielos                          |            |                                 | ۲,         |
|  |  |  | 1/Y 3 Þ 0T C                               | COOLE              | $\searrow$  | $\times$  | X                     | X        | 又          | X                     | X                 | 又           | X                       |          | П  |           |          |           | à               |                 | <u>\$</u>                 | 6                                | 1.         | İ                               | 1          |
| <b>™</b> 7                                     | :ชกเชย                                       | эя стя                                 | SDEC BEDO                                  | 40 TUO             | 区           | X         | Х                     | IХ       | X          | X                     | X                 | X           | X                       | X        | П  |           |          |           |                 |                 | 22                        | ~                                |            | ł                               | 1          |
| 62B  |  | Ы=≀H                                   | ивопив впа                                 | A NRUT             |             |           |                       |          |            |                       |                   |             |                         |          |  |           |          |           |                 |                 |                           |                                  |            | 1                               | (1)        |
| 12 E   |  | SSIGI                                  |  | FILTER             |             |           |                       |          |            | F                     |                   |             |                         |          |  |           |          |           |                 | 9               | 1                         | 1                                |            | ļ                               | <b>\</b>   |
|  | (  | LEB (W                                 | LAW (S)JIOS                                | MEDIA              | 4)          | 3         | i                     | 7        | 4          | 1                     | 41                | N           | 7                       | 4        |  |           |          |           |                 | 3               |                           | 1                                |            |                                 | 阜          |
| 200  |  | INEBS                                  | R OF CONTAI                                | NUMBE              | 7           | -         | 7                     | 7        | 1          |                       | 1                 | Ţ           | 1                       | 7        |  | _ X       |          |           |                 |                 |                           | 1                                | 1          | 1                               | ETHOD      |
|  |  |  |  | H.                 | 12          |           |                       |          | ,          | ,                     |                   | <i>F</i> 7; | /                       | 7        | ,  | '         | 11       |           | ₽               | 9               | 0                         | 12                               | 1          | 1 ,                             |            |
| PLERS 4/4                                      | 71/  |  |  | CONT AINER<br>TYPE | 40,1 Vm     | 46        | PG                    | 46       | 70         | Pol                   | 13                | 9           | 70                      | Till I   |  | `         | 2        |           |                 | 9               | 7                         | 12                               | Ī          |                                 | Ξ          |
| H 2  | *  |  |  | ONT A IN<br>TYPE   | \           | Ø         | T                     | 7        | _          | d .                   | 0,                | 250/m/      | 1                       | 160mL    |  | ١,        |          |           | <u> </u>        | 1               |                           | 13                               |            |                                 | Ξ          |
|  | Johr udge,                                   |  | ľ  | 8                  | 2/2         | 7         | 1/                    | 7/       | 7/         | 11                    | 1                 | 252         | 71                      | Z        |  |           | 07       |           | RECEIVED BY     | $(\mathcal{S})$ |                           | P'                               |            |                                 | SHIPMENT M |
| de SAP   | 7  | (5+45)                                 |  | N N                | ١.,         | İ         |                       |          |            |                       |                   |             |                         |          |  |           | Ш        |           | "               |                 | Y.V                       |                                  | <u> </u>   | 130                             | <u> </u>   |
| 4  | 7  | (3)                                    | <u> </u>                                   | LOCATION           | 20094       | 1         |                       | _        |            |                       |                   |             |                         |          |  |           | AMB      |           | ш               | (707)           | 1 %                       | 3.3                              |            |                                 | 1          |
| 20 4   | 9  |  | 4  | 8                  | 10          | { _       |                       |          |            |                       |                   |             |                         | >        |  |           | 18       |           | Ξ               | 1,7             | 5/1/                      | 1 2                              |            |                                 |            |
| 351  |  | 7                                      | ),<br> -<br> -                             |                    | 13          | <u> </u>  | <u> </u>              |          | <u> </u>   | _                     | L                 |             |                         |          | 1  | _         | Щ        | 1         | 2               | 1,              |                           |                                  | +          | 1                               | }          |
| Woodward Chyde<br>Federal Services             | 1  | (2                                     | д <sub>[</sub>                             | α                  | ار          | ,         |                       |          |            |                       |                   |             |                         |          |  |           | ۱۱       |           | DATE/TIME       | · \             |                           | 10/20/98                         |            | 1 Jaki                          |            |
| 1 Serv<br>Bruce                                | *  | 7                                      | T S  | 角                  | 13          | -         | 一                     | -        | ┢          | ┢╌                    | ┝                 | -           |                         | ->       |  |           |          | ١         | _               | 24              | 150                       |                                  | 1          | 1.                              |            |
| 100  | A  | J.                                     | ďΩ   |                    | 1           |           |                       | ľ        |            | 1                     | 1                 |             |                         |          |  |           |          |           |                 |                 |                           |                                  |            | 12                              |            |
| 3 \$ 1   | $\mathcal{A}$                                | Ċ                                      |  | SAMPLE NUMBER      | 54184659410 |           |                       |          | l          |                       |                   |             |                         |          |  |           |          |           |                 |                 | 1                         | 1                                |            | 15                              |            |
| 19 B R   | 4  | 3                                      | > Q  | ₽                  | Q           | }~        |                       |          | T          | 1                     | <u> </u>          | -           | -                       | ->       |  |           |          |           | 1               | ,               | <b>!</b>                  |                                  | 1          | 775                             |            |
| <b>E C</b> 12                                  | 4  | <u> </u>                               | ΧZ   | S <sub></sub>      | 12          |           |                       |          |            |                       | İ                 |             |                         |          | П  |           |          |           | β<br>β          | 1               | 16                        |                                  |            |                                 | 1          |
| 3 1 5  | ν.<br>L                                      | 鱼                                      | 0  |                    | 1           | Т         | ١,                    | 1        |            | T                     | T                 | _           |                         | Ĺ        | Т  |           |          |           |                 | 1 3             | Da.                       |                                  |            |                                 |            |
| TOF<br>LAC                                     | Ϊ  |  | G ROCKY FLATS PLACHAIN OF CUSTODY          | E E                | 1250        | 2001      | 306                   | 3/3      | 1320       | 372                   | 13/6              | 1337        | 3%                      | 720      |  |           |          |           | 호               | 174             |                           | 10                               | *          | S                               |            |
| ON.  | ΩCΑ  | <u>ک</u><br>ن                          | ည္က ပ                                      | E                  |             | 1         | 12                    | <u> </u> | 13         | 1                     | <u>``</u>         | 1,7         | -                       | ¥≦       | ${\mathbb H}$  | $\vdash$  | -        | #         | ğ               | 18              |                           | ) 's                             |            | Ř                               |            |
| Word CONTRACTOR Le der                         | LAB/LOCATION                                 | -0-C NUMBER $WC$ - $\mathcal{IT}$ Ø122 | EG&G ROCKY FLATS PLANT<br>CHAIN OF CUSTODY | DATE/TIME          | 24.9        | 1-        | ┞-                    | -        | <u> </u> _ | $oldsymbol{\perp}$    |                   |             |                         |          |  |           |          |           | RELINQUISHED BY | 1/              |                           | 1                                | 1          | REMARKS                         |            |
| C01  | LAE  | Ū                                      | Ш  |                    | 10          |           |                       | L        |            |                       |                   | $L^{T}$     |                         | Ľ        | L  |           |          |           | ~               | 1/K             | 1/2                       | 1                                |            | æ                               | <u> </u>   |
|  |  |  | -  |                    |             |           |                       |          |            |                       |                   |             |                         |          |  |           |          |           |                 |                 |                           |                                  |            |                                 |            |

## EM DEPARTMENT DATA ASSESSMENT SUMMARY REPORT FORM

| File     | No. <u>9011T277</u>   | · · ·                   |                       | Site Surface Water Monitoring   |
|----------|---|-------------------------|-----------------------|---|
| Lab      | oratory <u>Teledyne Isotopes</u>  |                         |                       | No. of Samples/Matrix 20/Water  |
| _        | No. R00362  | <del></del>             |                       | Reviewer Org. <u>QuantaLex. Inc.</u>  |
| SW<br>SW | 00453WC.\SW00458WC.\&\  | W00459WC,L8W0           | <u>0457WC,&amp;W(</u> | \$\$\text{\$\ |
|          |   | Data Ass                | essment Sumn          | nary  |
| by G     | Gross α + β Analysis<br>as Proportional Counters  | Alpha                   | Beta                  | Comments  |
| 1.       | Holding Times   | V                       |                       |   |
| 2.       | Initial Calibrations  | <u> </u>                |                       |   |
| 3.       | Continuing Calibrations   | <u> </u>                | V                     |   |
| 4.       | Laboratory Blanks   | <u> </u>                | V                     |   |
| 5.       | Lab Replicates  | X                       | X                     | See Action Item 1   |
| 6.       | Lab Control Samples   | R                       | R                     | See Action Item 2; Comment 1  |
| 7.       | Size of Aliquot   | <u>V</u>                | V                     | See Comment 2   |
| 8.       | Self-Absorption Factors   | <u> </u>                | V                     |   |
| 9.       | Sample Calculations   | Y                       | V                     | See Comment 3   |
| 10.      | Overall Assessment  | R                       | R                     | See Comment 4   |
|          | <ul> <li>V = Data had no problems.</li> <li>A = Data acceptable but qualified due t</li> <li>R = Data rejected.</li> <li>X = Problems, but do not affect data.</li> </ul> | o problems.             |                       |   |
| Dat      | a Quality: The Gross alpha and  | I Gross beta data conta | nined in this batch   | were reviewed and found to be rejected. See   |
| Act      | ion Items and Comments for discu  | ssion. (Refer to attach | ed Data Summary       | Tables).  |

Action Items: 1) Lab Replicates: No lab replicates were analyzed with this Sample Delivery Group (SDG),
however this did not appear to impact the overall quality of the data; thus the results were flagged X.

2) Lab Control Samples (LCSs): Both Gross alpha and Gross beta LCSs associated with this SDG fell
outside their respective 3 o control limits. The Gross alpha and Gross beta results were flagged R. Rejected.

Comments: 1) LCSs: The relative percent error for the Gross alpha LCS was 44.2%. The relative percent
error for the Gross beta LCS was 8.7%.

2) Minimum Detectable Activities (MDAs): The MDAs for samples SW00433WC, SW00449WC,
SW80059WC, SW00450WC, SW00457WC, SW00373WC, and SW00466WC exceeded the Required Detection
Limits (RDLs) for both the Gross alpha and Gross beta analyses. The MDAs for samples SW00522WC and
SW00520WC exceeded the RDL for the Gross alpha analysis.

3) Sample Calculations: The laboratory reported "less than" values on the Data Summary Report Table for

those samples with activities less than the MDA. The reviewer calculated the activities for the samples and
included them in the QLI Results column of the Data Summary Report Table. In addition, the reviewer calculated
the uncertainties for these samples and included them in the 2 Sig Error column with a suffix of Q.

4) Overall Assessment: The laboratory did not report the MDAs for the Gross alpha and Gross beta
analyses. The reviewer calculated the MDAs as follows:

| Sample ID | Gross alpha<br>MDA (pCi/L) | Gross beta<br>MDA (pCi/L) |
|-----------|----------------------------|---------------------------|
| SW00433WC | 4.89                       | 6.06                      |
| SW00449WC | 11.73                      | 14.55                     |
| SW80059WC | 11.36                      | 14.44                     |
| SW80058WC | 1.29                       | 1.81                      |
| SW00450WC | 12.32                      | 14.74                     |
| SW00453WC | 2.35                       | 3.24                      |
| SW00458WC | 2.17                       | 3.10                      |
| SW00459WC | 1.74                       | 1.88                      |
| SW00457WC | 3.99                       | 5.78                      |
| SW00456WC | 2.24                       | 1.99                      |
| SW80060WC | 1.29                       | 1.81                      |
| SW80061WC | 2.33                       | 2.01                      |
| SW00373WC | 4.59                       | 5.97                      |
| SW00466WC | 4.89                       | 6.06                      |

| Sample ID | (pCi/L) | (pCi/L) |
|-----------|---------|---------|
| SW00462WC | 1.85    | 1.90    |
| SW00469WC | 2.29    | 2.00    |
| SW00467WC | 1.04    | 1.51    |
| SW00522WC | 2.92    | 4.23    |
| SW00520WC | 2.90    | 4.23    |
| SW00464WC | 2.48    | 4.09    |
| 19349 BLK | 0.97    | 1.41    |
| 19351 LCS | 1.08    | 1.44    |

Note: Data Summary Tables are attached.

| Mikki Wilson        | 7/17/91 |
|---------------------|---------|
| Validator Signature | Date    |
| Richardthurman      | 7/18/91 |
| Reviewer Signature  | Date    |

## Radiochemical Data Completeness Checklist for Radiometric and Gross $\alpha$ & $\beta$ Analyses of Soil and Water by Gas Proportional Counters

| Α. |              | Case Narrative  |
|----|--------------|---|
|    | Yes          | Abnormalities explained   |
|    | Yes          | Matrix Problems explained                                       |
|    | Yes          | Instrument problems explained                                   |
|    | Yes          | Improper collection, storage, preservation, container explained |
|    | Yes          | Hold times met, explained if not met                            |
| В. | Yes I        | nitial and Continuing Calibration Data Package                  |
|    | Yes          | Detector ID   |
|    | Yes          | Date and Time calibrated, calibration check, Analyst initials   |
|    | Yes          | Radionuclide Standard Name, NIST certification and expiration   |
|    |              | dates, and DPM value  |
|    | Yes          | Aliquots of standards used                                      |
|    | Yes          | Raw tapes from counters showing alpha and beta counts           |
|    | <del></del>  | obtained and count durations for each weight of salt            |
|    | Yes          | Weights of salts  |
|    | Yes          | Efficiencies  |
|    | Yes          | Best fit curve coefficients                                     |
|    | Yes          | Reliability check source name, NIST certification,              |
|    |              | expiration and DPM activity                                     |
|    | Yes          | Raw tapes from counters showing alpha and beta counts           |
|    |              | obtained and count durations for reliability checksource        |
|    | <u>N/A</u> _ | Efficiency checksource name, NIST certification, expiration,    |
|    |              | and DPM activity  |
|    | <u>N/A</u>   | Raw tapes from counters showing alpha and beta counts           |
|    |              | obtained and count duration for checksource                     |
|    | <u>Yes</u>   | Efficiency obtained for checksource                             |
|    | <u>Yes</u>   | Results of lab statistical test used to evaluate reliability    |
|    |              | and efficiency checks   |
|    | Yes          | Background counts obtained and count duration for each detector |
|    | <u>Yes</u>   | Results of lab statistical test used to evaluate the instrument |
|    |              | background  |
| C. |              | Reagent Blanks Data Package                                     |
|    | Yes          | ID of each detector used  |
|    | <u>Yes</u>   | Analyst initials  |
|    | Yes          | Date reagent blanks were analyzed                               |
|    | <u>Yes</u>   | ID of samples analyzed with the reagent blanks                  |
|    | <u>No</u>    | Type of method blank used, MDA of method                        |
|    | Yes          | Volume of aliquot for reagent blanks                            |
| D. | NoF          | Replicate Sample Data Package                                   |
|    | No           | ID of each detector used  |
|    | <u>No</u>    | Analyst Initials  |
|    | <u>No</u>    | Date sample and replicates were analyzed                        |
|    | No           | Sample IDs, values obtained for sample and replicates           |
|    | No           | Count Duration of sample and replicates                         |
|    | <u>No</u>    | Volume of aliquot for sample and replicates                     |
|    | <u>No</u>    | Calculated uncertainties and MDAs                               |

| E. | Yes Lab Control Samples (LCSs) Data Package Yes ID of each detector used Yes Analyst initials Yes Date LCSs were analyzed Yes ID of LCS No Values obtained for LCSs with uncertainty and MDA Yes True value of LCSs with uncertainty Yes ID of samples analyzed with the LCSs   |
|----|---|
| F. | Yes Minimum Detectable Activity Yes Background measurements including: counts and count durations of samples and backgrounds taken during the same weekly time period Yes Date of analysis Yes Background CPM No MDA calculated for both gross alpha and gross beta analysis of the sample  |
| G. | Yes Size of Aliquot in Gross α & β Determination Data Package Yes Sample ID Yes Calculated volume of sample to deliver 150mgs solids Yes Raw data supporting efficiency factor and efficiency factor used   |
| H. | Yes Sample Data Package  Yes Printed report of results for sample, reruns Yes Raw Data from counter, copies of notebook pages Yes Manual/Computer calculations No Sample ID, Detector ID, obtained sample and background counts and count durations observed, aliquot of sample, weight of solids counted, detector efficiency, activities, uncertainties, and MDAs |

| Γ        | 3          | A E                  |                        |                        |                        | Ĥ                      |                        |                        |                        |                        |                        |                        |                        |                        | T                      | ٦                      | ٦                      | T                      | ٦                      |                        |                        |                        |                        |                        |                        | П                      |                        |                        |                        | ٦                      | Ī                      | T                      |                        |                        |                        |                        | ٦                      | ٦                      |                        | T                      | T             | ٦                      |
|----------|------------|----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|---------------|------------------------|
| r        |            | ng.                  | 7                      | VL.                    |                        |                        | U.                     |                        |                        |                        | Н                      |                        | 7                      | 1                      | 1                      | 1                      | 7                      | 7                      | 2                      | $\exists$              | 3                      |                        |                        |                        | 3                      |                        | 7,                     | 3                      | 님                      | 3                      | 밁                      |                        | 3                      |                        | 3                      | 7                      | 님                      | 3                      | 님                      | 님                      | 7             | 밁                      |
| 3        |            |                      | Γ                      | PCI/L                  |                        | Ш                      | PCI/L                  | Ц                      | Ш                      | Ц                      | _                      | _                      | 4                      | 4                      | 4                      | $\perp$                | _                      | 4                      | PCIAL                  | 4                      | PCIA                   |                        | _                      | _                      | PCIAL                  | $\dashv$               | PCI/L                  | Z.                     | PCI                    | PCI                    | 泛                      |                        | PCI                    | 4                      | PCIA.                  | 4                      | 泛                      | 집                      | 정                      | 퇿                      | 4             | PCG                    |
|          |            | RESULT               | _                      | 11                     |                        |                        | 5                      |                        |                        |                        |                        |                        |                        |                        |                        | l                      |                        | ı                      | Š                      |                        | 2                      |                        |                        |                        | ္မ                     |                        | 10                     | اي                     | 2                      | g                      | 2                      |                        | اچ                     |                        | -0.72                  |                        | اي                     | =                      |                        | اء                     | -             | ᇷ                      |
| H        |            | 요 품                  | 0.0<br>%               | 54 -1.11               |                        | Н                      | S4 0.85                | Н                      | Н                      | Н                      | $\dashv$               | $\dashv$               | $\dashv$               | -                      | 4                      | 4                      | 4                      | -                      | \$4 0.35               | _                      | \$ 222                 | $\dashv$               | $\dashv$               | 4                      | 54 -0.63               |                        | 54 -0.10               | \$ 1.26                | <b>*</b>               | <b>x</b> [             | \$ 242                 |                        | ¥.                     | $\dashv$               | ڻ<br>خ                 | -                      | <u>x</u>               | 32 31 99 54 -1.41      | ᅔ                      | 3.5                    | $\dashv$      | \$<br>\$<br>\$         |
| l        |            | 8 ×                  | 8                      | 8                      | 8                      | 8                      | 82                     | 8                      | 8                      | 66                     | 8.                     | 8                      | 8                      | 80                     | 8                      | 8                      | 8                      | 8                      | 8                      | 8                      | 8                      | 8                      | 8                      | 8                      | 8                      | 8.                     | 8                      | 8                      | 8                      | я 32 31 99 5           | 8                      | 8                      | 8                      | 8                      |                        |                        | 8                      | 8                      |                        | 8                      | 8             | 8                      |
| l        |            | REASONS<br>1 2 3     | 32 31                  | 32 31                  | 32 31                  | 32 31                  | 32 31                  | 32 31                  | 32 31                  | 32 31                  | 32 31                  | 32 31                  | 32 31 99               | 32 31                  | 3                      | 32 31                  | 32 31                  | 32 31                  | 32 31                  | R 32 31                | 32 31                  | 32 31                  | 32 31 99               | 32 31                  | R 32 31                | 32 31                  | 32 31                  | 32 31                  | 32 31 99               | 32 31                  | 32 31                  | 32 31 99               | 32 31                  | 32 31                  | 32 31                  | R 32 31 99             | R 32 31                | 32                     | 32                     | 32                     | R 32 31 99    | я 32 31 99             |
| Γ        | EN THE     | ₹ >                  |                        | Ė                      |                        |                        | ×                      | 24                     | æ                      | ×                      | ~                      | ×                      | ~                      | *                      | ~                      | ~                      | ~                      | ~                      | ø                      | *                      | ~                      | ×                      | æ                      | ~                      | ×                      | æ                      | ×                      | ×                      | ~                      | ×                      | ~                      | ~                      | ~                      | ×                      | ×                      | ~                      | ~                      | ~                      | *                      | rs.                    | ~             | ×                      |
|          | INSTRUMEN  | DETECTION<br>LIMIT V |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        | ĺ                      |                        |                        |                        |                        | ľ                      |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        | l                      | ı                      | -                      | ł                      |                        | 1                      |                        |                        |                        |                        |                        |                        | ł             |                        |
| $\vdash$ | <u> </u>   | 83                   | 2                      | 4                      | 2                      | 4                      | 2                      | 4                      | 2                      | 4                      | 2                      | 7                      | *                      | 4                      | 읩                      | *                      | 7                      | 4                      | 7                      | 4                      | 7                      | 4                      | 2                      | 4                      | 7                      | 4                      | 2                      | *                      | 7                      | 4                      | 7                      | 4                      | 2                      | 4                      | 7                      | *                      | 7                      | ┪                      | 7                      | 4                      | 7             | 7                      |
|          | <b>*</b>   | PARAMETER NAME       | GR-A                   | GR-B                   | GR-A                   | GR-B                   | GR-A                   | GR-B                   | GR-A                   | GR-B                   | GR-A                   | GR-A                   | GR-B                   | GR-B                   | GR-A                   | GR-B                   | GR-A                   | GR-B                   | GR-A                   | GR-B                   | GR-A                   | GR-B                   | GR-A                   | GR-B                   | GR-A                   | GR-B                   | GR-A                   | GR-B                   | GR-A                   | GR-B                   | GR-A                   | GR-B                   | GR-A                   | GR-B                   | GR-A                   | GR-B                   | GR-A                   | GR-B                   | GR-A                   | GR-B                   | GR-A          | GR-A                   |
| l        | RETEN      | S H                  |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        | Ì                      |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |               |                        |
|          | L L        | 굶                    | PCI/AL                 | PCIAL                  | PCI/L                  | PCI/L                  | PCIAL                  | CIVE                   | PCIAL                  | PCIAL                  | PCIAL                  | PCIAL                  | PCIA,                  | PCM.                   | C/A                    | PCIAL                  | PCI/I.                 | CIL                    | PCIAL                  | PCI/L                  | PCIAL                  | PCIAL                  | PCI/L                  | PCI/L                  | PCIAL                  | PCIAL                  | PCIAL                  | PCI/L                  | PCI/L                  | PCIAL                  | PCIAL                  | PCIA.                  | PCIAL                  | PCI/L                  | PCI/L                  | PCIAL.                 | PCIAL                  | PCIAL                  | PCIAL                  | PCIAL                  | PCK           | PCI/L                  |
| H        |            | 2 SIG O              |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        | ٦                      |                        |                        | T                      |                        |                        |                        |                        |                        | $\neg$                 |                        | ٦                      |               |                        |
| H        |            | EE 28                | 0.890                  | 0.800                  | 10.00                  | 3.000                  |                        | 4.000                  | 6.000                  | 4.000                  | 12.00                  |                        | 13.00                  | -                      | 13.00                  | 10.00                  | 2,000                  | 230                    |                        | 1.400                  |                        | 3.900                  | 1.800                  | 2,000                  | _                      | 1.300                  |                        |                        |                        | 2470                   |                        |                        |                        | 1.000                  |                        | 1.300                  |                        |                        |                        | П                      |               | 1.040                  |
| ŀ        |            |                      | p                      | n                      | -                      |                        | Ω                      | Н                      | -                      | -                      | Н                      | Н                      | $\dashv$               | $\dashv$               | -                      | -                      | -                      | $\dashv$               | Ω                      |                        | Ω                      | Н                      |                        | Н                      | n                      |                        | Ω                      | n                      | P                      | 믜                      | 리                      | 1                      | 크                      | Н                      | n                      | $\dashv$               | 2                      | 듸                      | 2                      | 귀                      |               | ᅴ                      |
|          |            | RESULT               | 1.000                  |                        | 110.0                  | 73.00                  | 5.000                  | 12.00                  | 19.00                  | 14.00                  | 33.00                  | N.A.                   | 85.00                  | N.A.                   | 40.00                  | 100.0                  | 4.000                  | 9.000                  | 2.000                  | 3.800                  | 4.000                  | 6.800                  | 3.300                  |                        | 2.000                  | 2.700                  | 2.000                  | 2.000                  |                        |                        |                        |                        | 00.<br>1.00            | 1.800                  | 2.000                  | 2.200                  |                        | _                      | _                      | _                      | Y.            | 1.00                   |
|          |            | CAS                  | BL 12587-46-1          | BL 12587-47-2          | SP 12587-46-1          | SP 12587-47-2          | TR 12587-46-1          | TR 12587-47-2          | TR 12587-46-1          | TR 12587-47-2          | TR 12587-46-1          | DU 12587-46-1          | TR 12587-47-2 85.00    | DU 12587-47-2          | TR 12587-46-1          | TR 12587-47-2          | TR 12587-46-1 4.000    | TR 12587-47-2 9.000    | TR 12587-46-1          | TR 12587-47-2          | TR 12587-46-1          | TR 12587-47-2          | TR 12587-46-1          | TR 12587-47-2          | TR 12587-46-1          | TR 12587-47-2          | TR 12587-46-1          | TR 12587-47-2          | TR 12587-46-1          | TR 12587-47-2          | TR 12587-46-1          | TR 12587-47-2          | TR 12587-46-1          | TR 12587-47-2          | TR 12587-46-1          | TR 12587-47-2          | TR 12587-46-1          | TR 12587-47-2          | TR 12587-46-1          | TR 12587-47-2          | DU 12587-46-1 | TR 12587-46-1          |
| H        |            | 2 <u>22</u>          | BL 12                  | BL 12                  | SP 12                  | SP 12                  | TR 12                  | TR 12                  | TR 12                  | TR 12                  | TR 12                  | DO 12                  | IR 12                  | 12                     | 天<br>元                 | TR 12                  | IR 12                  | TR 12                  | TR 12                  | TR 12                  | TR 12                  | TR 12                  | TR 12                  | TR 12                  | TR 12                  | TR 12                  | TR 12                  | TR 12                  | TR 12                  | TR 12                  | 1K 12                  | TR 12                  | TR 12                  | TR 12                  | TR 12                  | TR 12                  | TR 12                  | 1K                     | TR 12                  | 元<br>12                | DO 12         | 12                     |
| Γ        |            |                      | П                      | _                      |                        | П                      |                        | s                      |                        | s                      | 8                      |                        |                        |                        | T                      |                        |                        |                        | 100                    | s                      | S                      | s                      | s                      | s                      | s                      |                        |                        | s                      | 8                      | ő                      | 9                      | 9                      | 9                      | 8                      | 8                      | 8                      | 9                      | ß                      | 8                      | ,                      | 2             | 22                     |
| EAB      | TEST       | PANEL<br>CODE        | DRADS                  | DRADS                  | DRADS                  | DRADS                  | DRADS                  | DRADS                  | DRADS                  | DRADS                  | DRADS                  | DRADS                  | DRADS                  | DRADS                  | DRAD                   | DRADS                  | DRADS                  | DRADS                  | DRADS                  | DRADS                  | DRADS                  | DRADS                  | DRADS                  | DRADS                  | DRAD                   | DRADS                  | DRADS                  | DRAD                   | DRADS                  | DRADS                  | DRADS                  | DRADS                  | DRADS                  | DRADS                  | DRADS                  | DRADS                  | DRADS                  | DRADS                  | DRADS                  | DRADS                  | DRADS         | DRAD                   |
|          |            | SAMPLE               | 2:00 19349             | 19349                  | 12:00 19349            | 2:00 19349             | 2:00 19349             | 12:00 19349            | 2:00 19349             | 12:00 19349            | 19349                  | 19349                  | 12:00 19349            | 19349                  | 2:00 19349             | 12:00 19349            | 19349                  | 12:00 19349            | 12:00 19349            | 12:00 19349            | 2:00 19349             | 2:00 19349             | 2:00 19349             | 12:00 19349            | 19349                  | 200 19349              | 12:00 19349            | 19349                  | 2:00 19349             | 2:00 19349             | 12:00 19349            | 12:00 19349            | 2:00 19349             | 12:00 19349            | 2:00 19349             | 2:00 19349             | 12:00 19349            | 12:00 19349            | 12:00 19349            | 12:00 19349            | 19349         | 12:00 19349            |
|          |            | ij                   | _                      | _                      |                        | _                      | _                      | -                      | _                      | -                      |                        |                        |                        |                        |                        |                        |                        | _                      | _                      | _                      | 드                      | -                      |                        |                        |                        |                        |                        | _                      |                        |                        |                        | _                      | -                      |                        | _                      | _                      | _                      | _                      |                        | _                      | _             |                        |
| SAMPLE   | ANALYS     | DATE DATE MEMODY     | TELJ 11/30/90 12/03/90 | TELJ 11/30/90 12/03/90 | TEL1 11/30/90 12/03/90 | TELJ 11/30/90 12/03/90 | TELL 11/27/90 11/28/90 | TELJ 11/27/90 11/28/90 | TELL 11/27/90 11/28/90 | TELJ 11/27/90 11/28/90 | TEL1 11/27/90 11/28/90 |                        | TELL 11/27/90 11/28/90 |                        | TELI 11/27/90 11/28/90 | TEL1 11/27/90 11/28/90 | TELJ 11/30/90 12/03/90 | TELJ 11/30/90 12/03/90 | 06/12/11 06/12/11 LIET | TELL 11/27/90 11/27/90 | TELJ 11/27/90 11/28/90 | TELJ 11/27/90 11/28/90 | TELJ 11/30/90 12/03/90 | TELI 11/30/90 12/03/90 | TELJ 11/27/90 11/27/90 | TELL 11/27/90 11/27/90 | TEL1 11/27/90 11/27/90 | 11/21/10 06/12/11 TIBL | TELJ 11/30/90 12/03/90 | TELI 11/30/90 12/03/90 | TELL 11/27/90 11/28/90 | TELI 11/27/90 11/28/90 | TELJ 11/30/90 12/03/90 | TELJ 11/30/90 12/03/90 | TELL 11/27/90 11/27/90 | TBLJ 11/27/90 11/27/90 | TELL 11/30/90 12/03/90 | TELI 11/30/90 12/03/90 | TELJ 11/30/90 12/03/90 | TELL 11/30/90 12/03/90 |               | TELJ 11/27/90 11/27/90 |
| SAME     | t .        | DATE<br>MEMOD/       | 06/06/                 | 06/05/                 | 06/06/1                | 06/06/                 | 06/12/                 | 1/27/90                | 06/12/1                | 06/12/1                | 06/12/                 |                        | 06/12/1                |                        | 06/12/                 | 06/12/                 | 06/06/1                | 06/06/1                | 06/12/1                | 06/12/1                | 06/12/1                | 06/12/1                | 1/30/90                | 1/30/90                | 06/12/1                | 06/12/1                | 06/12/1                | 1/27/90                | 1/30/90                | 1/30/90                | 1/27/90                | 06/12/1                | 1/30/90                | 1/30/90                | 1/27/90                | 1/27/90                | 1/30/90                | 1/30/90                | 1/30/90                | 1/30/90                |               | 1/27/90                |
| ۴        |            | <u> </u>             | ELL 1                  | ELL                    | 1                      | ELL                    | 冒                      | H                      | 日                      | 1                      | H                      | TELI                   | ELI 1                  | TBL                    | ELJ 1                  | ELJ 1                  | I THE                  | EL 1                   | HI.                    | HILL                   | 1 1                    | 11111                  | ELI 1                  | ELL 1                  | ELI 1                  | 12                     | H                      | ELJ 1                  | ELI 1                  | HLI 1                  | ELI                    |                        | ELL                    | ELI 1                  | ELI 1                  | BLI 1                  | ELL                    | ELI 1                  | ELI 1                  | TELT 1                 | TELL          | EL 1                   |
| F        |            | <u> </u>             | F                      | ٢                      | F                      | -                      | ٢                      | ٢                      | F                      | ۴                      | -                      | F                      | ī                      | T                      | 1                      | -                      | 1                      | L                      | T                      | -                      | -                      | ۲                      | ľ                      | -                      | -                      | F                      | -                      | 1                      | -                      |                        |                        |                        |                        | -                      | F                      |                        | 1                      | -                      | f                      |                        | -             | Ñ                      |
|          | 83         | SAMPLE               |                        | 19349                  | 19351                  | 19351                  | 19333                  | 19333                  | 19309                  | 19309                  | 19311                  | 19345                  | 19311                  | 19345                  | 19317                  | 19317                  | 19319                  | 19319                  | 19327                  | 19327                  | 19325                  | 19325                  | 19321                  | 19321                  | 19323                  | 19323                  | 19337                  | 19337                  | 19498                  | 19498                  | 19335                  | 19335                  | 19341                  | 19341                  | 19339                  | 19339                  | 19496                  | 19496                  | 19343                  |                        | 19347         | 19315                  |
|          |            | SAMPL                | WATER                  | WATER                  | WATER                  | WATER                  | WATER                  | WATER                  | WATER                  | WATER                  | WATER                  | WATER                  | WATER                  | WATER                  | WATER                  | WATER                  | WATER                  | WATER                  | WATER                  | WATER                  | WATER                  | WATER                  | WATER                  | WATER                  | WATER                  | WATER                  | WATER                  | WATER                  | WATER                  | WATER                  | WATER                  | WATER                  | WATER                  | WATER                  | WATER                  | WATER                  | WATER                  | WATER                  | WATER                  | WATER                  | WATER         | WATER                  |
|          |            | BATCH                | 45277                  | 11/06/90 12:00 45277 W |                        | 11/06/90 12:00 45277 W |                        |                        |                        |                        |                        | 10/24/90 14:00 45277 W |                        | 10/24/90 14:00 45277 W | 10/24/90 15:50 45277 W |                        |                        | 10/25/90 09:59 45277   |                        |                        | 10/30/90 10:55 45277 W |                        | 10/29/90 13:15 45277 W |                        |                        |                        |                        | 11,01,90 12:15 45277   | 11/05/90 14:45 45277 v | 11/05/90 14:45 45277 v | 11/01/90 14:25 45277   | 11/01/90 14:25 45277 v |                        | 11/01/90 10:09 45277   |                        | 11,01,90 11:30 45277   |                        | 11/05/90 12:35 45277   | 11/01/90 10:55 45277 v |                        |               |                        |
| 'n       | COLLECTION | DATE TIME            | Š<br>Ž                 | 127                    | 21 02                  | Į<br>Ž                 | 8<br>14<br>14          | δ<br>41                | 13,                    | 13                     | 2                      | 8<br>41                | 0<br>14<br>14          | δ<br><u>‡</u>          | 81                     | 0 15                   | 8                      | 8                      | δ<br>2                 | 8                      | S<br>S                 | 8                      | 20                     | 23                     | 20 13                  | 8                      | 8                      | 21 22                  | 8 4                    | 8 4                    | 8.                     | 14                     | 00                     | 8                      | 8                      | 8                      | 8                      | 8 27                   | 8                      | 8                      | 8 15          | 25                     |
| CAMO     | 8          | DATE                 | 11,005                 | 11/06/9                | 11/06/5                | 11/06/5                | 10/25/9                | 10/25/5                | 10/23/5                | 10/23/                 | 10/24/9                | 10/24/9                | 10/24/9                | 10246                  | 1024/5                 | 10/24/5                | 10/25/5                | 1025/5                 | 16305                  | 10/30/5                | 10/30/5                | 10/30/5                | 10/29/5                | 10/29/5                | 10/29/5                | 10/29/5                | 11/01/5                | 11/01/                 | 11/05/1                | 11/05/                 | 11/01/                 | 11/01/                 | 11/01/                 | 11/01/                 | 11/01/                 | 11/01/                 | 11/05/                 | 11/05/                 | 11/01/                 | 11/01/                 | 10/24/        | 10/24/                 |
|          | PROJECT    | SAMPLE               | BLANK                  | BLANK                  | SPIKE                  | SPIKE                  | SW00373WC              | SW00373WC              | SW00433WC              | SW00433WC              | SW00449WC              | SW00449WC              | SW00449WC              | SW00449WC              | SW00450WC              | SW00450WC              | SW00453WC              | SW00453WC              | SW00456WC              | SW00456WC              | SW00457WC              | SW00457WC              | SW00458WC              | SW00458WC              | SW00459WC              | SW00459WC              | SW00462WC              | SW00462WC              | SW00464WC              | SW00464WC              | SW00466WC              | SW00466WC              | SW00467WC              | SW00467WC              | SW00469WC              | SW00469WC              | SW00520WC              | SW00520WC              | SW00522WC              | SW00522WC              | SW80058WC     | SW80058WC              |

| SAMPLE               | -                    | -      |              |         | S             | SAMPL SAMPLE           | AMPLE        |             | [AB   |                     | -         | L           |         |        | L     |                           |                   |             |                  | 3           | L         | _ |
|----------------------|----------------------|--------|--------------|---------|---------------|------------------------|--------------|-------------|-------|---------------------|-----------|-------------|---------|--------|-------|---------------------------|-------------------|-------------|------------------|-------------|-----------|---|
| COLLECTION           | NOM                  |        |              | 3       | <u>ac</u>     | PREP A                 | ANALYSIS     | BLANK       | TEST  |                     |           | EST         | 5       | LING   | RETEN |                           | INSTRUMENT        | t           |                  | TINO        | 30        |   |
| DATE                 | 71ME                 | BATCH  | SAMPL SAMPLE |         | LAB DATE      | _                      | DATE TI      | IME SAMPLE  | PANEL | RS CAS              |           | ANALYTI QUA | A 2 SIG | å      | #OH   |                           | DETECTION REASONS | REASC       | SH SH            | 5           | ð         | _ |
| MANADO/ HAT:         |                      | NUMBER | MATTEN       | MUMBER  | <u> </u>      | M /QQ/MIN              | MINIODY HS   | H: NUMBER   | CODE  | ID NUMBER           | ER RESU   | RESULT INE  | ERROR   |        | TIME  | MEASU TIME PARAMETER NAME | LIMET             | 1 2         | V 1 2 3 4 RESULT |             | MEASU HER | œ |
| 10/24/90             | 10/24/90 15:35 45277 |        | WATER 1      | 19347   | TELL          |                        |              | 19349       | DRADS | DO 12587-47-2       | 7-2 N.A.  |             |         | PCIAL  |       | GR-B                      | 4                 | 32 31       | 8                | -           |           |   |
| 10/24/90             | 15:35 45277          |        | WATER 1      | 19315   | TELL 13       | TELL 11/27/90 11/27/90 | _            | 2:00 19349  | DRADS | TR 12587-47-2       | 7-2 2.000 | D           | 1.04.0  | PCIAL  |       | GR-B                      | 4                 | 32 31 99 54 | φ<br>\$          | -0.88 PCI/L | 7         | _ |
| 10/24/90             | 14:15 45277          |        | WATER 19     | 19313   | 11 mar        | 06/82/11 06/22/11      | 1            | 2:00 19349  | DRADS | TR 12587-46-1       | 6-1 22.00 |             | 10.00   | PCI/L  | L     | GR-A                      | 2 8               | 32 31       | 86               | _           | _         | _ |
| SW80059WC 10/24/30 1 | 14:15 45277          |        | WATER 1      |         | TEL 11        | 11/27/90 11/28/90      | _            | 2:00 19349  | DRADS | TR 12587-47-2       | 2.7 67.00 | H           | 12.00   | PCIAL. |       | GR-B                      | 4                 | 32 31       | 8                |             | -         | _ |
| W80060WC 10/30/90 1  | 15:25 45277          |        | WATER 19     | 19329   | TEL1 11/27/90 |                        | 11/27/90 12: | 2:00 19349  | DRADS | TR 12587-46-1       | 1.000     | D           | 0.81 Q  | PCIA   | L     | GR-A                      | 2 8               | 32 31       | 99 54 0.13       | 3 PCIAL     | 5         |   |
| 10/30/90             | 1930/90 15:25 45277  |        | WATER 19     | . 19329 | TEL 11        | 06/12/11 06/12/11      | _            | 12:00 19349 | DKADS | TR 12587-47-2       | 7-2 2.000 | Ω           | 1.08 Q  | PCIAL  |       | GR-B                      | 4                 | 32 31 99 54 |                  | -0.39 PCI/L | 3         |   |
| 10/30/90             | 10/30/90 14:15 45277 |        | WATER 19     | 16331   | TELL 11       | 06/12/11 06/12/11      | 1            | 2:00 19349  | DRADS | TR 12587-46-1       | 5-1 2.000 | Ω           | 1.64 Q  | PCI/L  |       | GR-A                      | 2 8               | 32 31       | 99 54 1.45       | S PCI/L     | J/L       |   |
| 10/30/90 1           | 19/30/90 14:15 45277 |        | WATER 1      | 16331   | TELL 11       | TELL 11/27/90 11/27/90 | 1            | 2:00 19349  | DRADS | TR 12587-47-2 3.200 | 7-2 3.200 | H           | 1.400   | PCIAL  |       | GR-B                      | 4                 | 32 31 99    | 8                | _           |           |   |

PUN DATE OLLOW PAGE DELIVERY DATE 12/11/90 DATE RECEIVED 11/08/90 CUSTOMER P.O. NUMBER DS-1072 PFFV19 REPORT OF ANALYSIS WORK ORDER NUMBER 4-5277 2 PAUL WHITE ASCO SERVICES INCORPORATED 33 UNION BOULEVARD ITTE 1010 AKEWOOD CO 8022

WATER - SURFACE

80228-1824

|                 | LAB.  | r               | 7               | m (    | m r        | n n   | n r         | •               | •      | •     | 9      | .9    | •            | •      | r.                    | 2                     | 3      | m     |       | 3            | 3     | 4        | 4      | 9     | 9     | •     | 9            | •            |
|-----------------|---|-----------------|-----------------|--------|------------|-------|-------------|-----------------|--------|-------|--------|-------|--------------|--------|-----------------------|-----------------------|--------|-------|-------|--------------|-------|----------|--------|-------|-------|-------|--------------|--------------|
|                 | VOLUME - UNITS<br>ASH-WGHT-X *                    |                 |                 |        |            |       |             |                 |        |       |        |       |              |        |                       |                       |        |       |       |              |       |          |        |       |       |       |              |              |
|                 | MID-COUNT<br>TIME<br>DATE TIME                    | 12/15           | 12/21           | 11/21  | 11/28      | 11/28 | 12/04       | 12/19           | 12/19  | 11/19 | 11/19  | 11/19 | 12/18        | 11/24  | 12/15                 | 12/26                 | 11/21  | 12/03 | 12/03 | 12/04        | 12/04 | 12/03    | 12/03  | 12/04 | 12/04 | 12/04 | 12/01        | 11/24        |
|                 | ACTIVITY NUCL-UNIT-%<br>( PCI/LITER) U/M \$       | 3.2 +-1.4 E 03  | . 6. E-         | 6      | <b>w</b> 1 | -0-+  | ט ע<br>ע יי |                 |        | 4-0-+ | w      | +-0-3 | L.T. 3. E-01 | 5.     | 2.7 +-1.4 E 03        | 6                     |        | 4-2.0 | +-2.3 | L.T. 1. F 00 | 4     | <b>*</b> |        | 4-0-4 | . 2.  | 4-0-8 | L.T. 2. E-02 | L.T. 3. E-01 |
| WATER - SURFACE | OP<br>TIME NUCLIDE                                | H-3             | 9A-226          | RA-228 | GP - A     | 57 E  | 28-89       | SK-30<br>CE-133 | NP-237 | U-234 | 11-235 | U-238 | AM-241       | PU-239 | H-3                   | RA-226                | RA-228 | GRIA  | GR-8  | SR-89        | SR-90 | CS-137   | NP-237 |       | U-235 | U-23P | AM-241       | PU-239       |
| -               | COLLECTION-DATE<br>START STOP<br>DATE TIME DATE T | 10/24 1555      | 10/24 1550      |        |            |       |             |                 |        |       |        |       |              |        | 10/25 1000            | (10/25) 0959          |        | )     |       |              |       |          |        |       |       |       |              |              |
|                 | CUSTOMER'S STA                                    | SWOO450WC 120ML | SWOO450WC PRSVD |        |            |       |             |                 |        |       |        |       |              |        | SWOO453WC SWOI7 125ML | SWOO453WC SWOI7 PRSVD |        |       |       |              |       |          |        |       |       |       |              |              |
|                 | LEDYNE  | 9316 SW         | WS TIFO         |        |            |       |             |                 |        |       |        |       |              |        | WS 81r6               | MS 6186               |        |       |       |              |       |          |        |       |       |       |              |              |

RADIATION SCREEN O z \ ≻ ΣH Ra226, 228 Sr89/90, CS137, 0 0223/224, 235, 238 z PU239/240, AM241 B/A SSORD DOC IF FILTERED **TOC** HSS FEMPERATURE WITHIN SPECIFICATION OTHER PROBLEMS OR DISCREPANCIES PCKG REC'D/CUSTODY SEALS INTACT soud-o NO3/NO2, NH4 Tot Phos, SAMPLE LABELS/COCs AGREE 122' 102' C1' E' 204' C02' HC03' 21'NOS CORRECTED COPY ATTACHED LABORATORY USE ONLY PRESERVED WITH C6H806 CN METALS, Cs, L1, Sr, Sn, Mo OIL AND GREASE TRIAZINES **DEST/PCB-CLP** BNA-CLP PRESERVED WITH HCL VOA-CLP Na2S203 PRESERVATIVE H2S04 1500 HNO3 DATE/TIME HOAN ZU(CSH20S)S COOLED TO 4 C OUT OF SPEC REPORTS REQUIRED Я= НСИЯ ОМООЯА ИЯПТ d=SSIQ TOd FILTERED=F MEDIA SOIL(S) WATER (W) SHIPMENT METHOD 3 NUMBER OF CONTAINERS 302) SAMPLERS 44 CONTAINER TYPE RECEIVED BY LOCATION 3 EG&G ROCKY FLATS PLANT 7m3 300 -0-C NUMBER WC-TOBB2 DATE/TIME CHAIN OF CUSTODY SAMPLE NUMBER SITE CONTACT/PHONE 5WØØ 449 WC WOOYS W 5 4 80054 W CW 80058 WC LAB/LOCATION Jeledrine CONTRACTOR Federal RELINQUISHED BY 1540 DATE/TIME 8141 1418 REMARKS